

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET.0.921

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MAY**1978**

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Cool first half, with rain in places: warm and dry later.

Depressions to the south-west and south affected southern areas at the beginning of the month, their associated fronts moving mostly northwards over Britain. A ridge of high pressure from an anticyclone over Scandinavia extended south-westwards over Scotland on the 7th, however, and by the 9th a belt of high pressure became established from Scandinavia to the Azores. This ridge then moved east and frontal systems crossed all parts of the British Isles from north-west to south-east between the 11th and the 15th. Pressure rose again as a ridge over Norway extended south-westwards across the North Sea, but the ridge retreated northwards a few days later as most areas gradually came within the circulation of a complex low-pressure system over the Continent. This European depression moved east on the 23rd and a ridge of high pressure from the Azores then extended north-eastwards across Britain. An anticyclone developed over the North Sea on the 27th and remained in that area until the end of the month, when it declined a little and drifted east.

Weather

The month started cool, and it was very cold in parts of Scotland on the night of the 1st/2nd. A little sleet was reported in Shetland on the 2nd. Most areas had rain at times during the first week, but the heaviest falls occurred in southern England, where it was also thundery. Fog occurred from time to time, mostly over high ground in the south. The weather was drier and a little warmer in the early part of the second week and many areas had prolonged sunshine, but it then became cooler, with rain or showers, some of hail, until around mid-month. The second part of May was mainly dry and warm, and although north-easterly winds kept some eastern coasts cooler, and there was coastal fog at times, most areas became very warm and sunny towards the end of the month.

Wind

Winds were occasionally fresh or strong on exposed coasts, but seldom reached gale force. Speeds were often light during the second half of the month, although onshore breezes affected some coastal districts. Directions were mostly north-easterly, but were occasionally north-westerly.

Temperature

Monthly mean temperatures were above average in northern and western parts of the United Kingdom and in places on the south coast, but were below average along the coast of north-east England and in most of eastern England south of the Humber. They ranged from about 1.5 °C above the normal in parts of Scotland, away from the eastern coastal strip, to around 1.5 °C below normal along the coast of Norfolk, but most values were within 1 °C of average. Temperatures were rather variable until around mid-month; it was mostly cool, particularly along eastern coasts, but some areas became warm by day between the 7th and 11th. Daytime temperatures were higher during the second half of the month, and although some eastern coasts remained cool, it became very warm generally towards the end of the month and was hot in some inland districts. In Scotland temperatures reached about 27 °C in a few places on the 29th, and on the 31st maxima of around 28 °C were recorded in North Wales and in one or two places in the southern half of England.

Rainfall

Monthly totals were above average only in parts of north-east England and in a band extending southwards from the Humber to the Home Counties. Rainfall was below average in almost all other parts of the United Kingdom, and most western areas, and a large part of central and southern Scotland, recorded less than half the normal amount. Some districts were particularly dry: less than 25 per cent of the average fell in western Scotland, south of Loch Linnhe, and in parts of north-west England, Dyfed and southwest England. This was the driest May at Stornoway (Western Isles) and Paisley (Strathclyde) since 1890 and 1895 respectively and as little as 4 mm fell during the month at Cally Market Gardens (Dumfries and Galloway) and at Stainburn Reservoir (Cumbria). Heavy rain fell in some areas, however. There was flooding in south-east England and in the Cambridge/Huntingdon area during the first week, and thunderstorms were reported in parts of England. Isolated thunderstorms occurred in Scotland and Northern Ireland on the 22nd, 32 mm of rain falling in 30 minutes at Knockbreckan, near Belfast, and many areas had thundery outbreaks on the 31st.

Snow

The higher Scottish mountains remained snow-covered throughout the month, with snow lying down to about 600 m at first, but gradually receding. Over much of the remaining high ground in Scotland, however, as in the extreme north of England, only patches of snow and drifts in corries, were still observed by the end of the month. On Dartmoor, where deep snow accumulated earlier in the year, the last known drift disappeared during the first week of May.

Sunshine

Sunshine totals were a little below average in

south-east England and East Anglia, in Northern Ireland and in parts of western Scotland. Monthly totals were mostly between 100 and 120 per cent of average elsewhere, but exceeded 130 per cent of the normal in the area around Aberdeen. This was the sunniest May along the east coast of Scotland between Dundee and the Moray Firth since 1971. Long sunny periods occurred in many parts of the United Kingdom early in the second week, but sunny spells were more frequent during the second half of the month, and it became very sunny in most areas during the last week.

Fog

Fog formed fairly frequently. Overnight fog patches in the Midlands and south-eastern England during the first week became thick in places and London/Heathrow Airport was affected by fog on the morning of the 3rd. Fog patches continued to occur in inland areas from time to time, chiefly during the early part of the third week and at times in the last week, but most of this overnight fog cleared during the following morning. Hill fog, which was sometimes associated with precipitation, occurred at times over England and Wales until about the 11th, and occasionally affected southern Scotland during the latter part of the month. Coastal fog occurred more frequently, particularly during the second half of the month, and was sometimes persistent. Eastern coasts were the most affected, but fog was also sometimes slow to clear around northern Scottish coasts and patches of sea fog drifted on to western coasts from time to time.

Miscellaneous Phenomena

A funnel cloud was observed at Morley St Botolph (Norfolk) in the early afternoon of the 15th and three funnel clouds were seen near Benson (Oxfordshire) on the evening of the same day.

Table 1 District values

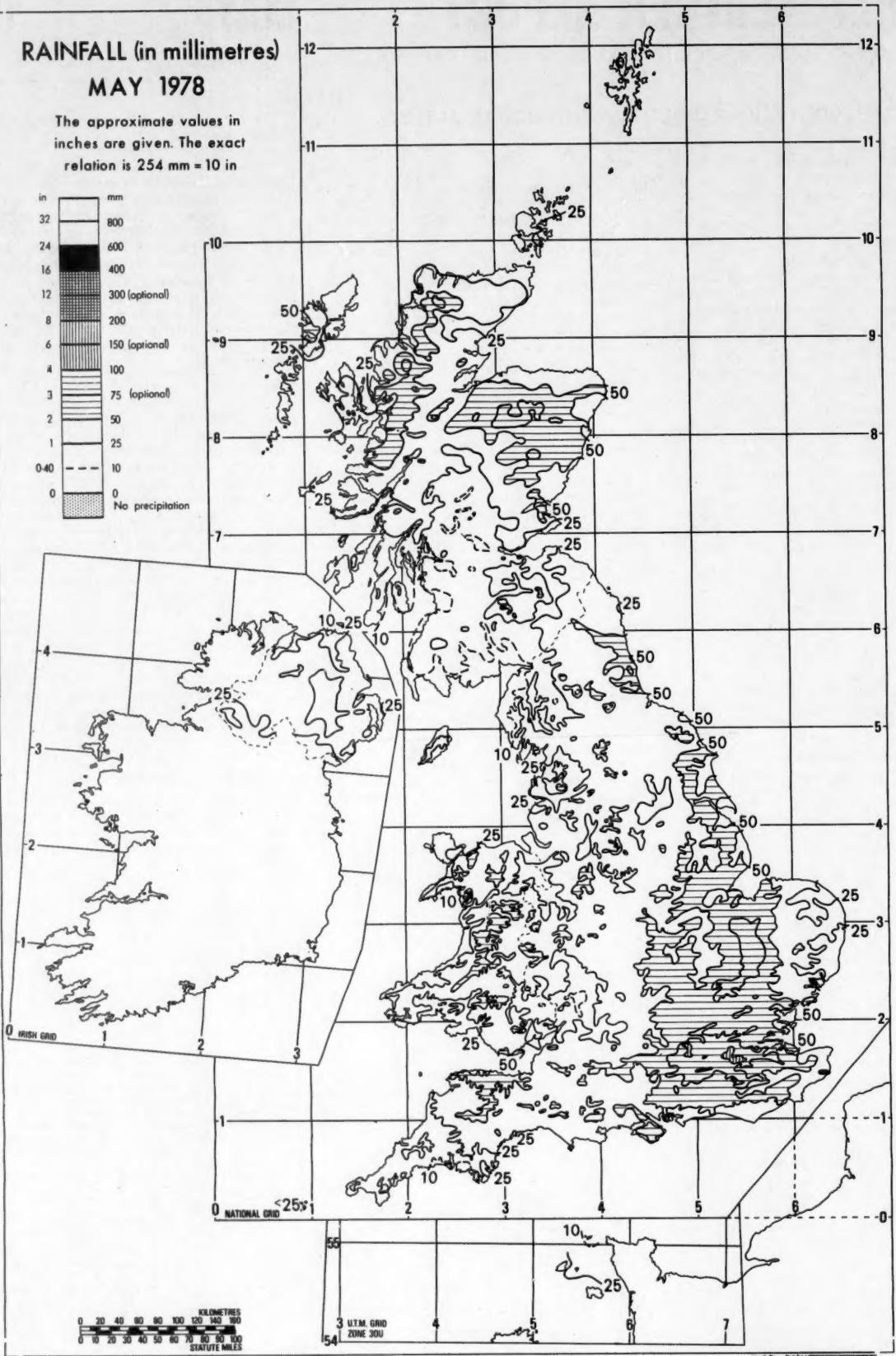
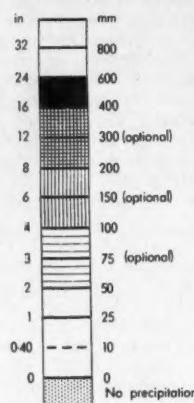
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
	difference from average								
0 Scotland N	26.3	-0.5	+1.3	+0.4	+0.9	-0.1	-7	52	109
1 Scotland E	25.7	-1.6	+1.4	+0.7	+1.0	+0.5	-5	56	119
2 England E & NE	28.4	-0.4	-0.7	-0.1	-0.4	+0.3	-3	91	106
3 East Anglia	28.4	0.5	-1.3	-0.3	-0.8	-0.5	-3	111	91
4 Midland Counties	26.7	0.1	+0.2	-0.1	+0.1	-0.1	-3	66	107
5 England SE & Central S	27.0	1.3	-0.2	0.0	-0.1	-0.5	-3	93	95
6 Scotland W	25.8	-1.1	+1.7	+0.3	+1.0	+0.1	-7	22	106
7 England NW & Wales N	27.7	1.2	+1.1	+0.2	+0.7	-0.3	-4	38	112
8 England SW & Wales S	27.1	3.2	+0.3	0.0	+0.1	+0.3	-5	40	106
N Ireland	24.5	-1.5	+1.1	+0.1	+0.6	+0.2	-6	42	89
Scotland	26.3	-1.6	+1.5	+0.5	+1.0	+0.2	-6	43	111
England & Wales	28.4	-0.4	-0.1	-0.1	-0.1	-0.1	-3	73	103

*Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres)

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The approximate values in inches are given. The exact relation is 25.4 mm = 1 in



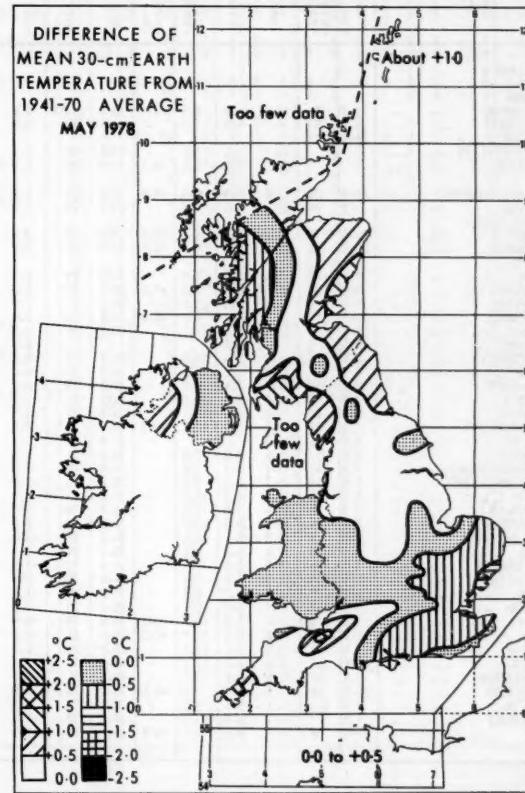
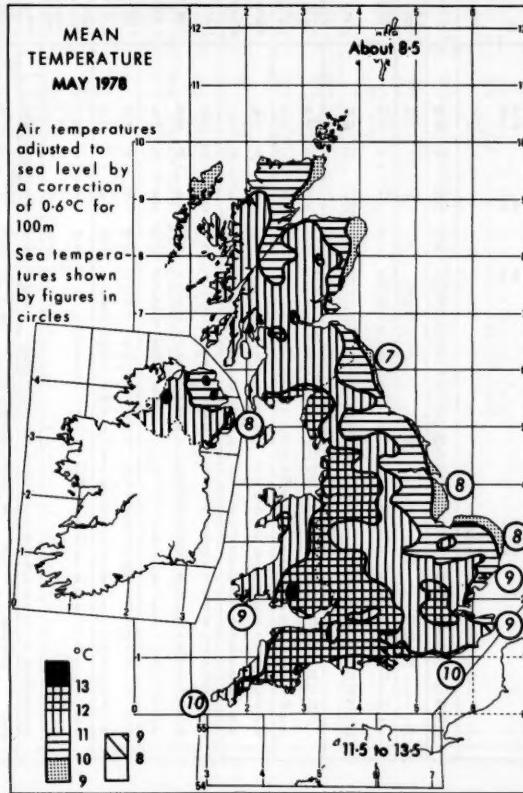
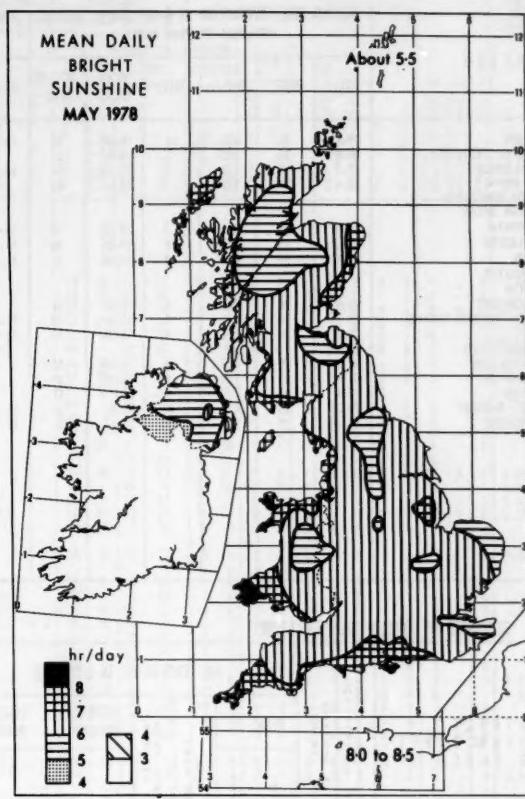
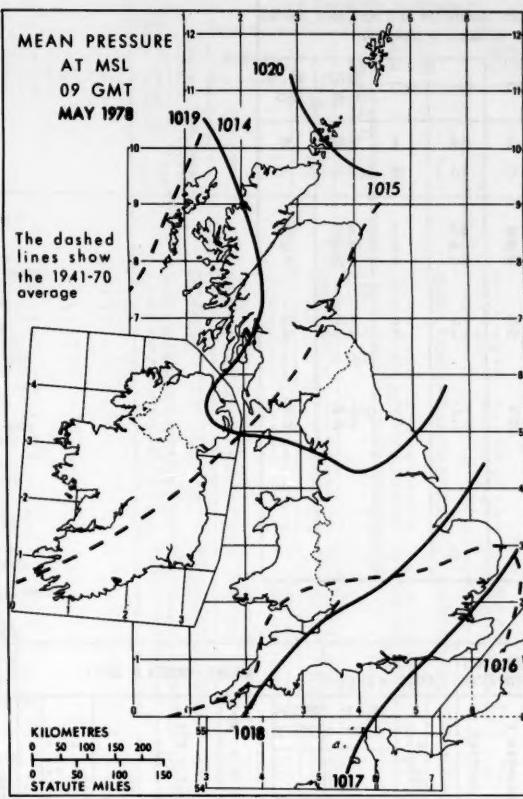


TABLE 2 SOLAR RADIATION

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGHAWATTS PER SQUARE METRE)							DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGHAWATTS PER SQUARE METRE)							
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS			
LERNICK	27.4	31	6.3	11	16.90	30	13.2	3	5.5	8	9.65	30			
ABERDEEN UNIVERSITY	28.8	30	2.3	5	17.82	31									
ESKDALEMUIR	28.3	9	4.3	5	16.33	31	13.0	21	1.1	29	8.66	31			
MOOR HOUSE	28.4	18	3.1	1	16.41	31									
SUTTON BONINGTON															
GRIFFITH WATER															
ABERPORTH	27.9	28	3.1	7	18.12	29	14.8	16	3.1	7	8.61	29			
CARDINGTON	29.3	25	1.9	8	16.05	30	14.4	19	1.9	2	8.32	30			
SILSDE	29.5	25	1.8	2	16.53	31	14.2	19	1.7	2	8.23	31			
ROTHMESTER															
ORKSTON															
MALLINCHORD	26.6	26	2.3	5	15.07	31									
LONDON WEATHER CENTRE	30.6	25	1.2	8	16.0	29	13.0	19	1.3	8	8.2	29			
KEM	29.6	25	1.7	8	15.94	31	13.6	19	1.7	8	8.19	31			
EASTHAMPSTEAD															
EAST MALLING	27.2	25	0.3	1	15.45	31									
RUSTINGTON	31.0	25	2.9	1	18.75	31									
MAREHAM	27.4	26	2.7	1	18.14	31									
JERSEY AIRPORT	27.2	29	4.2	5	20.63	31	14.7	26	4.1	5	10.43	31			
ALDERGROVE	27.6	29	7.7	8	17.17	31	13.9	30	6.2	9	9.95	31			

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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN. TERMINAL HEIGHT OF OBSERVATION HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C				MEAN EARTH TEMPERATURE	RAINFALL (TERMINAL H 09 GHT)	WEATHER (NUMBER OF DAYS)				BRIGHT SUNSHINE		
		MEANS OF		MAX.	MIN.	DATE	MAX.	MIN.	DATE	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE
		MAX. (°C)	MIN. (°C)							30 CM DEGREES C				
O SCOTLAND N														
SHETLAND														
BALTRASOUND	9.9	24	11.7	4.8	8.3	+0.4	19.0	29.30	0.6	1	8.0	-	9	5.5
FAIR ISLE	9.9	57	9.7	6.1	7.9	-	15.4	30	2.4	2	8.1	-	10	10
LERNICK	21.9	82												
PSYCHROMETER														
SCREEN														
ORKNEY														
KIRKWALL AIRPORT	21.9	26	12.6	5.9	9.3	+0.8	20.6	29	1.2	3	-	-	35	59
WEYLAND	9.9	24	12.2	6.1	9.1	-	19.7	29	1.9	3	9.6	-	23	11
WESTERN ISLES														
BENBEULIA	21.9	6	14.1	7.0	10.5	+0.8	23.2	31	3.5	3	-	-	23	11
STORMORAY	21.9	15	13.2	6.7	9.9	+0.8	21.4	31	3.4	3	-	-	19	7
HIGHLAND														
ACHAN	9.9	107	15.4	4.5	9.9	-	24.5	29	-2.2	3	8.3	-	23	5
ACHNASHELLACH	9.9	67	16.3	6.2	11.3	+1.6	26.3	31	0.0	5	-	-	63	56
BALMACHRA	9.9	4	15.7	7.3	11.5	-	24.9	31	1.1	5	-	-	31	38
CAPE WRATH	21.9	112	11.5	6.6	9.1	+0.8	21.0	30	2.4	3	-	-	28	45
CASSLEY	9.9	99	15.4	4.9	10.1	-	25.5	31	-1.5	3	-	-	33	9
COPRACH	9.9	8	6.3	-	-	-	-	-	0.5	5	-	-	26	3
CRAGHORNROCH	9.9	38	16.9	4.9	10.9	-	26.8	29	-0.9	3	-	-	32	11
DALCROSS	9.9	11	14.6	6.2	10.5	-	24.0	28	-0.3	3	-	-	42	13
DALMINIE	9.9	351	14.6	3.4	9.0	-	22.9	29	-3.2	2	-	-	24	9
DUNBRIG	9.9	60	15.9	8.0	11.9	-	26.0	31	2.9	6	-	-	35	10
DOONREY	9.9	21	14.8	5.5	10.1	-	25.2	31	-1.5	2	-	-	22	44
FORT AUGUSTUS	9.9	21	15.5	6.1	10.8	+0.9	26.7	31	0.0	2	-	-	29	8
FORTRIDGE	9.9	5	13.2	-	-	-	21.9	28	-	-	-	-	39	7
GEISOLE IL	9.9	12	15.6	6.2	10.9	-	26.8	29	-0.9	3	-	-	40	8
GLENOE LODGE	9.9	341	15.1	3.5	9.2	-	24.2	29	-2.6	2	-	-	81	94
GRANTONTON-ON-SPEY	9.9	229	15.7	4.1	9.9	-	25.3	30	-2.6	3	-	-	79	22
HEASIDE	9.9	109	14.7	6.5	10.5	-	23.8	31	0.4	5	-	-	43	13
INVERNESS	9.9	4	15.4	7.0	11.2	-	26.1	30	-2.3	3	-	-	41	80
INVERPOLY	9.9	14	14.9	6.6	10.7	-	23.6	31	-0.8	5	-	-	30	7
ISLE OF RHUM	9.9	5	15.7	5.1	10.5	-	24.9	31	-0.6	5	-	-	27	11
KEISS	9.9	30	12.0	6.1	9.1	-	18.7	29	0.4	9	9.6	8.0	10	3
KNOCKANROCK	9.9	244	14.5	5.8	10.1	-	24.5	31	-1.8	2	-	-	50	16
LAGGAN, IR	9.9	250	15.9	2.6	9.3	-	24.6	29	-5.6	2	-	-	49	12
LAIRD	9.9	107	15.8	4.1	9.9	-	25.8	29	-3.1	3	-	-	43	22
LENTRAM	9.9	146	15.2	5.0	10.1	-	25.2	29	-0.6	3	-	-	49	13
NAIRN	9.9	6	14.4	5.9	10.1	+0.6	23.8	28	-0.4	3	-	-	103	13
ONICH	9.9	15	17.0	5.7	11.3	+1.0	25.4	31	-0.5	5	-	-	35	33
POOLEWE	9.9	6	15.9	7.4	11.7	-	25.1	31	-1.7	2	-	-	29	7
PRAHOST	9.9	67	15.6	6.5	11.1	-	26.1	31	-1.6	2	-	-	29	30
STRATHCONON	9.9	107	16.5	4.5	10.5	-	26.1	31	-1.1	9	-	-	41	23
TARBATNESS	21.9	18	12.9	6.7	9.8	+0.5	19.8	26	3.5	3	-	-	27	7
TOMATIN	9.9	311	15.1	3.5	9.3	-	24.5	29	-1.2	3	-	-	59	18
TORRIDOR	9.9	27	14.7	5.8	10.3	-	24.9	30	-1.0	2	-	-	27	5
WICK	21.9	36	12.0	6.1	9.1	+0.8	19.1	29	-1.0	9	-	-	21	45

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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE	RAINFALL TERMINAL H 09 (MM)	WEATHER (NUMBER OF DAYS)			BRIGHT SUNSHINE													
	MEANS OF		MEAN OF DAILY MAX. (MAX. + MIN.)		HIGHEST MAXIMUM	LOWEST MINIMUM			PRECIPITATION																
	MAX. (°C)	MIN. (°C)	MAX. (°C)	MIN. (°C)	MAX.	DATE	MIN.	DATE	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	MOST IN A DAY	DATE	SNOW OR SLEET SNOW LYING AT SH	ICE PELLETS-ETC. THUNDER HAIL	FOG AT SH	AIR FROST GRASS MIN. °C BELOW 0°C CONCRETE MIN. °C DALE									
I SCOTLAND E																									
GRAMPIAN																									
ABERDEEN																									
DYCE AIRPORT	21-9	58	14.1	5.5	9.8	+0.9	24.0	29	0.3	3	-	53	78	11	21	10	9	0	0	7.20	131	-			
BALMORAL	9	283	15.0	3.2	9.1	+1.0	23.2	29	-2.1	3	-	48	72	22	13	10	7	0	0	-	-	-			
BANCHORY	9	94	15.8	5.3	10.5	-	25.5	29	-0.1	3	-	68	72	23	4	10	7	0	0	6.55	-	-			
BANFF	9	24	14.2	7.0	10.6	-	25.7	29	1.2	3	-	31	59	5	11	11	9	0	0	6.72	-	-			
BREEMAR	9	339	15.3	3.6	9.5	+1.3	23.4	29	-1.6	10	-	41	60	17	22	22	13	0	0	6.18	120	-			
CLASHNOIR	9	338	16.6	4.4	9.5	-	24.0	29	-0.6	9.10	8.0	68	72	17	22	22	13	0	0	5.88	-	-			
CRAIBSTONE	9	91	13.6	5.4	9.5	+0.8	22.9	29	0.6	3	9.7	79	11	4	10	9	0	0	0	7.36	130	-			
CULVERTY	9	3	12.6	5.6	9.1	-	(21.8)	28	0.5	3	-	31	58	11	22	10	6	0	0	0	6.21	-	-		
ELGIN	9	15	15.0	-	-	-	24.5	30	-	-	-	54	72	14	22	12	10	0	0	0	6.13	112	-		
FOREHILL	9	40	12.1	6.1	9.1	-	19.8	29	2.5	3	12.3	9.5	45	12	14	22	22	11	0	0	7.06	-	-		
FORRES	9	5	15.8	6.6	11.2	+1.5	24.4	31	-0.6	3	-	41	85	5	11	11	9	0	0	0	6.60	-	-		
FRASERBURGH	21-9	19	12.8	6.6	9.7	-	23.6	29	3.4	3	-	56	86	15	4	12	10	0	0	0	6.62	-	-		
FYVIE CASTLE	9	55	14.7	4.8	9.7	-	25.0	29	-1.5	2.3	-	50	80	13	22	13	9	0	0	0	6.18	-	-		
GARTLY	9	146	15.1	4.9	10.0	-	24.8	29	-0.9	3	-	63	72	14	22	12	10	0	0	0	7.36	130	-		
GLENLIVET	21-9	215	15.6	4.1	9.9	-	25.1	29	-1.4	2	-	68	99	14	22	14	11	0	0	0	6.00	-	-		
INVERURIE	9	54	15.0	4.8	9.9	-	24.3	29	-1.5	3	-	50	80	4	11	11	10	0	0	0	6.68	-	-		
KEITH	9	106	15.3	5.2	10.3	-	26.4	29	-0.9	3	-	36	87	13	22	13	9	0	0	0	6.62	-	-		
KINLOSS	21-9	5	15.2	6.6	10.9	+1.2	25.7	31	-1.2	3	9.8	43	87	13	27	10	8	0	0	0	6.18	-	-		
LOSSIEMOUTH	21-9	6	14.7	6.6	10.7	-	25.9	31	1.0	3	-	27	55	7	12	9	7	0	0	0	7.36	130	-		
TRYSIDE																									
ABROATH	9	9	29	12.6	7.1	9.9	-	18.4	27	2.9	4.0	2	-	46	82	16	21	9	5	0	0	0	0	0	
ARDALNAG	9	130	-	-	-	-	-	-	-	-	-	42	2	-	19	26	8	22	10	5	0	0	0	7.25	110
DALL	9	232	16.0	3.1	9.5	-	24.6	29	-4.2	2	-	52	72	11	22	12	10	0	0	0	16	-	-		
DRUMMOND CASTLE	9	9	113	16.1	5.7	10.9	-	24.4	29	-0.2	2	10.4	-	11	8	8	4	0	0	0	1	6.5%	-		
DUNDEE	9	45	14.8	7.0	10.9	+0.8	23.9	29	3.0	9	12.4	53	82	20	22	9	6	0	0	0	7.07	130			
FRASKALLY	9	9	94	16.7	5.3	11.0	-	25.5	29	-1.4	2	10.4	8.5	52	12	21	11	7	0	0	0	13	-		
KINDROGAN	9	259	15.6	3.4	9.5	-	23.7	29	-1.8	8	-	44	72	18	22	9	7	0	0	0	7.36	130			
KINROSS	9	116	-	-	-	-	-	-	-	-	-	26	72	18	22	7	4	0	0	0	7.36	130			
MONTROSE	9	57	13.5	6.4	9.9	-	21.8	26	2.3	3	-	48	75	16	4	9	7	0	0	0	2	0			
MYLNFIELD	9	30	14.7	6.9	10.8	-	23.7	29	2.3	9	10.9	8.4	79	17	22	22	12	10	0	0	0	7.35	-		
PERTH	9	23	17.0	6.0	11.5	+1.1	27.0	29	0.2	9	-	31	49	12	22	7	8	0	0	0	6.55	117			
STRATHALLAN	9	41	16.7	6.6	11.7	-	25.6	29	0.5	9	-	33	80	12	22	11	8	0	0	0	7.32	-			
USAN	21-9	30	11.8	6.7	9.3	-	18.0	29	3.2	12	-	38	80	11	4	11	4	0	0	0	0	0			
WHITEHILLOCKS	9	258	15.2	3.7	9.5	-	23.8	29	-1.2	3	-	64	69	27	22	9	7	0	0	0	12	-			
FIFE																									
BELLISTON	9	82	14.2	6.9	10.5	-	23.0	29	2.5	12	10.4	-	29	44	9	4	7	6	0	0	0	3	0		
CUPAR	9	36	15.3	6.4	10.9	-	25.2	29	-0.2	9	11.5	-	44	18	22	9	7	0	0	0	1	4	0		
GLENROTHES	9	117	-	-	-	-	-	-	-	-	-	20	72	10	22	10	8	0	0	0	6.59	-			
LEUCHARS	21-9	10	13.7	6.3	10.0	+0.3	24.0	29	0.5	9	-	54	94	21	22	8	7	0	0	0	6.86	113			
PITREAVIE	21-9	40	15.6	6.9	11.3	-	24.5	30	1.2	9	-	29	72	22	11	8	7	0	0	0	6.64	-			
ST ANDREWS	9	18	14.2	7.0	10.6	-	24.0	29	1.6	9	11.6	9.2	45	76	22	22	9	7	0	0	0	5	0		
LOTHIAN																									
BUSH HOUSE	9	184	14.5	5.6	10.1	-	24.4	29	0.6	9	10.1	8.2	22	32	5	22	10	7	0	0	0	5.05	-		
DUNBAR	9	23	13.6	7.1	10.3	-0.8	23.0	29	2.0	9	-	29	60	10	4	10	7	0	0	0	6.45	106			
EDINBURGH																									
EAST CRAIGS	9	61	14.9	6.2	10.5	-	23.6	29	0.0	9	11.1	-	21	-	10	22	10	6	0	0	0	5	0		
ROYAL BOTANIC GARDEN	9	26	15.2	7.1	11.1	+1.0	24.0	28	0.5	9	11.7	-	24	43	8	22	9	7	0	0	0	6.43	113		
ROYAL OBSERVATORY																									
BLACKFORD HILL	9	134	14.9	6.7	10.8	+0.9	24.1	30	2.6	9	-	24	41	6	4	9	6	0	0	0	1	2	0		
TURNHOUSE AIRPORT	21-9	10	15.5	6.5	10.7	-0.8	23.4	29	-0.3	9	9.16	-	20	35	10	22	10	8	0	0	0	7	0		
HODDINGTON	9	49	15.5	6.0	10.7	-	25.5	29	0.5	9	12.4	-	22	43	7	4	12	8	0	0	0	6	0		
LIVINGSTON	9	125	15.2	-	-	-	26.0	29	-	-	10.5	-	25	72	7	22	11	8	0	0	0	6	0		
NUNRUM ABBEY	9	99	195	14.4	5.7	10.1	-	25.6	29	1.0	9	-	41	44	4	4	9	9	0	0	0	0	-		
PATHHEAD	9	131	15.0	6.2	10.6	-	24.9	31	1.4	9	10.1	-	23	56	4	4	11	8	0	0	0	2	0		
PENTICUIK	9	189	15.6	5.1	10.3	+1.0	25.7	29	-0.5	19	10.5	-	25	35	6	4	11	7	0	0	0	5.35	99		
BORDERS																									
BLYTH BRIDGE	9	253	14.8	5.1	9.9	-	24.3	29	-0.1	16	-	31	48	15	22	12	7	0	0	0	1	8	0		
BLYTHE	9	262	14.7	4.9	9.8	-	23.8	29	-0.1	21	-	22	32	4	12	10	8	0	0	0	6.65	-			
BONCHESTER BRIDGE	9	146	16.0	5.3	10.7	-	25.8	29	-0.2	19	-	25	52	9	5	10	8	0	0	0	6.65	-			
BONHILL (SELKIRK)	9	168	16.4	5.0	10.7	-	26.7	29	-0.5	9	-	22	50	6	11	12	8	0	0	0	0	-			
FLOORS CASTLE	9	99	159	15.9	5.8	10.9	-	25.0-26.2	29	0.6	9	-	31	56	8	4	9	8	0	0	0	5.81			
GALASHIELS	9	198	15.1	5.4	10.3	-	24.6	29	1.0	19	-	30	56	9	22	11	8	0	0	0	2	0			
GLENTRESS	9	99	165	16.5	4.9	10.7	-	26.5	29	-1.5	9	-	26	58	8	22	12	10	0	0	0	3	0		
GREYCROOK	9	76	16.0	5.4	10.7	-	26.0	29	0.5	9	10.8	-	34	51	14	11	8	8	0	0	0	0	-</		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C				MEAN EARTH TEMPERATURE	RAINFALL (TERMINAL H 09 GHT)	WEATHER (NUMBER OF DAYS)				BRIGHT SUNSHINE						
			MEANS OF		HIGHEST MAXIMUM	LOWEST MINIMUM													
			MAX. (H.)	MIN. (L.)	DAILY MEAN (MEAN OF R+B)	DIFFERENCE FROM 1941-70 AVERAGE	MAX.	DATE	MIN.	DATE	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION			
6 SCOTLAND N																			
STRATHCLYDE																			
ACHIGLACKCROCH	9.9	12	16.0	6.4	11.2	-	24.5	31	1.4	16	-	20	21	7	11	7	0.2 MM OR MORE 1.0 MM OR MORE		
AROS	9.9	37	16.2	5.8	11.0	+1.1	24.6	31	0.4	16	-	33	11	10	11	10	0.0		
AUCHINCRIEVE	9.9	45	16.1	6.7	11.4	+1.1	25.4	31	2.8	17	10.2	8.9	7	13	8	0.0			
BENMORE (YOUNDER BOTANIC GARDEN)	9.9	12	16.5	6.2	11.3	-	25.1	29	0.0	9	11.2	-	21	16	5	11	10	0.0	
BRODICK CASTLE	9.9	15	15.9	6.5	11.2	-	25.0	29	1.7	9	12.4	-	28	34	10	11	12	0.0	
CAMPS RESERVOIR	9.9	295	14.8	3.9	9.3	-	23.8	29	2.0	8	12.0	-	50	10	9	22	12	0.0	
CARNWATH	9.9	208	15.5	5.8	9.7	-	24.5	31	2.8	9	9.7	-	9	16	2	2	12	0.0	
CORTBRIDGE	9.9	66	16.5	6.6	11.5	-	26.5	29	0.5	8	-	-	10	3	3	10	3	0.0	
COLONSAY	9.9	35	14.9	7.2	11.1	-	25.1	31	3.6	9	-	-	29	10	5	25	1	0.0	
CRAIGHOUSE	9.9	274	15.5	4.0	9.7	-	24.0	31	-1.0	9	9.20	9.1	-	8	11	10	9	10	0.0
CRAWDFOORD JOHN	9.9	99	16.4	5.8	11.1	-	25.7	31	0.9	5	11.1	-	6	11	10	9	10	0.0	
CUNNOCK	9.9	3	15.6	6.4	11.0	-	23.8	31	0.5	5	-	-	21	16	8	11	9	0.0	
DUNSTAFFNAGH	9.9	178	15.5	6.4	10.9	-	24.9	29	31	0.8	9	-	12	3	5	5	10	0.0	
EAST KILBRIDE	9.9	6	16.2	8.1	12.1	-	25.6	29	4.5	1	-	-	15	27	7	11	10	0.0	
GIRVAN	9.9	6	16.2	8.1	12.1	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
GLASGOW																		0.0	
ABBOFSINCH AIRPORT	21.9	5	16.7	6.4	11.5	+0.8	25.8	29	-0.5	9	-	-	8	-	2	5	7	0.0	
SPRINGBURN PARK	9.9	107	16.5	7.0	11.7	+1.3	25.6	29	2.0	9	-	-	16	22	9	8	8	0.0	
WEATHER CENTRE (X)	21.9	40	16.7	8.7	12.7	-	25.8	31	4.6	2	-	-	10	-	4	22	8	0.0	
GREENOCK	9.9	61	-	-	-	-	-	-	-	-	-	-	7	8	3	3	4	0.0	
HELENSBURGH	9.9	96	-	6.4	-	-	-	-	-	-	-	-	9	11	5	11	5	0.0	
HUNTERSTON	9.9	8	15.7	7.9	11.8	-	24.5	31	5.0	3	-	-	7	2	13	6	4	0.0	
KILDORNAN	9.9	18	14.8	7.0	10.9	-	24.6	31	2.3	5	-	-	12	-	4	11	9	0.0	
KINPADDLE FOREST	9.9	12	16.3	5.7	11.0	-	25.0	31	-0.5	9	-	-	19	-	4	10	9	0.0	
LEARDHILLS	9.9	388	14.5	4.0	9.3	-	23.5	31	2.0	9	-	-	27	25	15	11	12	0.0	
MACHRIEWAIRISH	21.9	10	14.8	7.0	10.9	-	22.6	31	2.3	10	-	-	16	24	4	11	13	0.0	
MILLPORT	9.9	5	15.4	7.9	11.7	-	23.8	31	3.5	5	-	-	9	13	2	11	6	0.0	
PRIESLEY	9.9	32	17.2	7.8	12.5	+1.4	26.4	29	3.1	9	9.2	-	11.4	9.2	7	9	2	0.0	
PRESTWICK	21.9	16	15.9	6.3	11.1	-	25.4	31	2.0	9	-	-	9	15	5	13	8	0.0	
RKVAHAL	21.9	20	14.1	7.7	10.9	-	22.4	31	5.1	2	-	-	16	23	7	11	9	0.0	
ROTHESAY	9.9	43	15.8	7.5	11.7	-	24.5	31	3.0	5	9.7	-	8	13	5	11	10	0.0	
SLOT	21.9	12	16.5	6.5	11.5	-	24.9	29	1.4	9	-	-	21	-	5	11	10	0.0	
STRONACHULLIN	9.9	2	15.5	6.8	11.1	-	24.3	31	2.7	9	-	-	17	-	8	11	7	0.0	
TIREE	21.9	9	13.8	7.1	10.5	+0.6	19.2	31	0.3	2	-	-	24	42	9	13	7	0.0	
UPLOAMOOR	9.9	128	15.9	5.9	10.9	-	25.5	31	0.4	5	-	-	17	-	18	9	8	0.0	
DAIRY																		0.0	
CENTRAL																		0.0	
ARRACHMORE	9.9	30	16.3	6.5	11.4	-	24.2	29	1.5	9	-	-	14	-	3	11	6	0.0	
CALLANDER	9.9	107	16.9	5.1	11.0	-	26.0	29	0.6	17	-	-	11	11	3	22	8	0.0	
EARLS HILL	21.9	355	14.2	5.5	9.9	-	23.3	29	1.0	2	-	-	14	-	6	22	10	0.0	
FALKIRK	9.9	3	16.3	7.0	11.7	-	26.3	29	0.6	9	-	-	10	-	6	22	6	0.0	
GRANGEWAUTH	9.9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
PRINCES ISLAND	9.9	107	16.9	6.6	11.7	-	26.9	29	0.3	9	11.3	-	14	-	6	22	5	0.0	
STIRLING (GLENFITTERFLATS)	9.9	38	17.4	6.2	11.8	-	26.7	29	-1.1	9	10.7	-	8	-	3	22	8	0.0	
DUMFRIES & GALLOWAY																		0.0	
BARDONHILL	9.9	110	17.0	5.1	11.1	-	25.2	31	-1.2	17	-	-	19	22	5	11	9	0.0	
CLATTERDONSHAW	9.9	178	16.2	5.2	10.7	-	24.4	31	0.1	17	-	-	16	14	7	14	9	0.0	
DUMFRIES	9.9	49	-	6.8	-	-	-	-	-	-	-	-	3.3	16	2	5	5	0.0	
DUNDEOGH	9.9	119	17.0	4.4	10.7	-	25.2	31	-1.5	17	9.9	-	9	10	2	11	9	0.0	
ESKDALENEUR	21.9	242	15.6	4.3	9.9	-	24.7	29	-1.3	17	9.2	7.7	16	16	7	23	11	0.0	
PSYCHROMETER																		0.0	
SCREEN	16.0	4.5	10.3	+1.4	-	-	25.5	29	-1.1	16	-	-	9	-	5	13	5	0.0	
GIROSTINHODDO	9.9	98	13.7	(5.8)	9.71	-	22.9	28	-0.2	16	10.6	-	54	-	24	11	7	0.0	
GLENLEE	9.9	55	17.6	5.0	11.3	+1.2	26.0	31	-0.6	16	17	-	6	6	5	11	5	0.0	
GLENLOCHAR BARRAGE	9.9	47	17.0	6.4	11.7	-	25.5	31	1.7	17	-	-	9	11	5	15	7	0.0	
NEWTON STEWART	9.9	46	17.0	6.6	11.8	-	25.5	31	0.7	5	-	-	7	10	7	10	10	0.0	
PALNURIE	9.9	18	16.5	6.5	11.5	-	25.0	31	0.2	5	-	-	14	18	4	13	9	0.0	
THREAVE	9.9	73	16.9	6.5	11.7	-	26.1	31	1.5	17	11.9	-	6	8	2	15	6	0.0	
TYNE & WEAR																		0.0	
CHOPWELLWOOD	9.9	136	15.0	5.8	10.4	+0.5	24.0	29	2.5	9	-	-	49	84	23	5	11	0.0	
NEWCASTLE																		0.0	
WEATHER CENTRE (X)	21.9	74	14.6	7.1	10.9	-	24.6	29	4.5	18	-	-	52	-	23	5	8	0.0	
TYNEMOUTH	21.9	30	11.2	7.3	9.3	-0.4	18.7	26	5.1	1	10.7	-	50	107	26	5	12	0.0	
WASHINGTON	9.9	29	(14.1)	6.6	(10.3)	-	23.0	28	2.5	10	10.7	-	61	8.8	25	5	9	0.0	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE	RAINFALL TERMINAL H 09 GMT)	WEATHER (NUMBER OF DAYS)						BRIGHT SUNSHINE									
		MEANS OF		HIGHEST MAX. (A) MIN. (B)		LOWEST MAX. (A) MIN. (B)				PRECIP- ITATION															
		HEIGHT ABOVE MSL (METRES)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1961-70 AVERAGE	HIGHEST MAX.	LOWEST MINIMUM	DATE	MIN.	DATE	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	MOST IN A DAY	DATE	0-2 MM OR MORE 1-0 MM OR MORE	SNOW LYING AT 09 HRL	ICE PELLETS ETC.	THUNDER HEAD	FOG AT SH	AIR FROST	DRIVE MIN. DEG C CONCRETE MIN. BELOW 0 DEG C DALE				
2 ENGLAND E & NE -CONTINUED																									
DURHAM		9.9	102	15.4	6.0	10.7	+0.6	23.8	29	2.0	25	11.5	9.1	53	104	20	5	10	10	0	0	5.76	107		
LON Etherley		9.9	155	15.0	4.9	9.9	-	24.4	29	1.1	25	9.8	8.0	36	-	-	-	-	0	0	0	-			
WIDDYBANK FELL		9.9	513	13.1	3.3	8.2	-	21.7	29	-1.2	19	6.7	-	-	-	16	5	-	-	-	-	6.21	-		
CLEVELAND																									
HARTBURN GRANGE		9.9	31	15.1	5.6	10.3	-	25.2	31	1.4	25	-	-	36	89	21	5	7	5	0	0	0	5.54	-	
HARTEPOOL		9.9	9	15.9	7.3	10.1	-0.4	19.6	29	5.0	18	-	-	45	105	27	5	7	5	0	0	0	5.95	-	
NORTH YORKSHIRE																									
RASHAM BRYAN		9.9	33	15.7	5.8	10.7	-	25.4	31	3.0	3	-	-	25	51	9	4	9	5	0	0	0	6.36	111	
CAMMOO		9.9	6	15.2	6.2	10.9	-	24.6	31	3.5	3.19	10.9	9.6	52	9	55	5	5	0	0	0	0	6.20	-	
HIGH MONTHORPE		9.9	175	13.6	5.7	9.7	-	22.5	31	3.1	20	9.8	-	59	107	22	7	7	0	0	0	0	6.74	-	
LEEMING		21.9	32	15.6	6.4	11.0	-	25.7	31	2.9	10	11.1	8.9	41	90	14	55	11	7	0	0	0	5.89	-	
MALHAM TARN		9.9	395	(16.1)	5.1	9.6	(+0.9)	22.0	31	1.0	18	(9.1)	-	37	58	9	4	81(6)	0	0	0	0	0	-	
PICKERING		9.9	44	15.4	5.3	10.3	-	23.9	31	1.6	10.25	-	-	35	73	18	5	6	0	0	0	0	6.40	108	
SCARBOROUGH		9.9	52	(12.9)	6.4	9.7	-	20.5	29	3.8	18	(10.8)	(9.3)	49	102	27	5	7	6	0	0	0	6.70	108	
SILPHO MOOR		9.9	203	13.5	5.3	9.4	-	22.0	31	1.6	4	9.0	-	49	75	24	5	9	6	0	0	0	6.54	-	
SNAYZEHOLME		9.9	290	14.2	4.0	9.1	-	22.8	28	-0.6	18	9.0	-	-	-	7	11	9	6	0	0	0	6.54	-	
WHITEBY		9.9	41	12.8	6.5	9.7	-	22.7	29	2.6	18	-	-	52	-	29	5	8	6	0	0	0	6.54	-	
WHITEBY(COASTGUARD)		21.9	60	11.5	6.6	9.1	-	20.6	29	1.3	18	-	-	54	-	1	1	2	0	0	0	0	-		
YORK(HESLINGTON)		9.9	19	16.2	5.9	11.1	-	26.0	31	3.1	3	11.2	9.8	32	72	11	5	9	7	0	0	0	6.68	-	
HUMBERSIDE																			1	0	0	0	-		
BRIDLINGTON		9.9	48	11.5	6.1	8.8	-	19.3	31	3.8	25	-	-	43	80	26	5	7	5	0	0	0	6.55	-	
CLEETHORPES		9.9	7	12.8	7.2	10.0	-1.0	17.1	23	4.4	17	-	-	56	101	30	5	10	6	0	0	0	6.32	102	
HULL		9.9	2	14.8	6.8	10.8	-0.6	22.9	31	2.9	17	11.8	9.7	54	113	31	5	10	6	0	0	0	6.76	117	
LINCOLNSHIRE																									
BINBRIDGE		21.9	108	13.2	5.9	9.5	-	21.3	31	2.6	10.25	-	-	47	90	28	5	9	6	0	0	0	6.85	-	
CAISTER		9.9	21	14.9	5.8	10.3	-	23.7	31	1.4	10	-	-	52	-	26	9	6	0	0	0	0	6.66	108	
CRANWELL		9.9	62	15.0	5.9	10.5	-0.6	25.0	31	1.6	10	11.8	10.0	60	122	31	5	9	8	0	0	0	6.97	-	
KIRTON		9.9	4	14.4	5.6	10.0	-	23.1	31	2.0	25	10.2	8.9	55	55	29	8	6	0	0	0	0	6.75	-	
SKEGNESS		9.9	5	(11.9)	7.0	(9.4)	(-1.4)	16.0	31	4.0	25	10.9	9.3	50	28	10	5	10	7	0	0	0	(6.46)	100	
SUTTON BRIDGE		9.9	4	-	-	-	-	-	-	-	-	-	-	68	138	40	5	8	7	0	0	0	0	7.07	108
WADDINGTON		21.9	68	15.1	6.1	10.6	-0.5	25.2	31	0.9	10	-	-	48	104	29	5	11	7	0	0	0	0	-	
3 EAST ANGLIA																									
NORFOLK																									
COLTISHALL		21.9	17	13.4	6.5	9.9	-	24.4	31	2.1	17	-	-	24	55	10	5	7	6	0	0	0	5.08	79	
CROMER		9.9	54	12.2	6.7	9.5	-1.6	23.8	31	4.7	10.14	-	-	31	67	8	5	7	7	0	0	0	5.54	-	
CORLESTON		9.9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MARSH		21.9	23	15.0	6.7	10.9	-	26.3	31	3.4	17	-	-	68	-	39	5	8	7	0	0	0	6.04	-	
HORLEY ST BOTOLPH		9.9	46	14.8	5.9	10.3	-	26.6	31	1.9	17	11.6	-	33	38	9	7	0	1	0	0	0	6.15	-	
SANTON DONNHOE		9.9	24	16.1	4.2	10.1	-	27.2	31	-2.5	26	10.3	9.2	44	91	23	10	13	7	0	0	0	6.19	-	
SCOLE		9.9	27	15.8	6.2	11.0	-	26.5	31	0.9	17	12.3	11.0	25	7	27	8	7	0	0	0	0	6.43	100	
TERRINGTON ST CLEMENT		9.9	3	14.8	5.9	10.3	-1.0	28.0	31	2.4	17	11.3	-	66	137	38	5	13	6	0	0	0	0	-	
CAMBRIDGESHIRE																									
BOWHURST		9.9	53	15.5	5.6	10.5	-	25.8	31	1.7	16	-	-	63	129	47	5	10	6	0	0	0	0	5.84	-
CAMBRIDGE																									
BOTANIC GARDEN		9.9	12	(16.3)	(6.5)	(11.4)	(-0.5)	27.1	31	2.0	16	12.2	(10.3)	71	158	52	5	8	5	0	0	0	0	11	-
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY		9.9	24	16.0	6.1	11.1	-	26.5	31	1.6	26	-	-	78	177	59	5	7	5	0	0	0	0	6.05	94
MARCH		9.9	2	16.2	6.2	11.2	-	27.6	31	3.8	26	-	-	85	171	45	11	10	7	0	0	0	0	-	
MARYHOLM		9.9	21	(15.9)	(4.8)	(10.3)	-	26.1	31	1.1	25	-	-	40	-	27	5	11	7	0	0	0	0	-	
REPAL		9.9	-2	(15.9)	(5.8)	(10.9)	-	26.2	31	1.3	26	(11.6)	(9.7)	70	-	46	11	5	5	0	0	0	0	5.81	-
HONK'S WOOD		9.9	39	(15.8)	5.4	(10.6)	-	25.5	31	0.5	26	11.1	9.1	56	112	33	13	7	0	0	0	0	6.38	-	
WITTERING		21.9	73	15.2	6.4	10.8	-	25.4	31	1.3	10	-	-	58	-	38	11	6	7	0	0	0	0	6.43	-
LEYLINGTON		9.9	25	15.3	6.3	10.8	-	24.3	30	3.3	17	-	-	56	85	17	5	12	12	0	0	0	0	6.09	-
LONESTOFF		9.9	25	11.7	7.3	9.5	-1.5	18.6	31	4.8	14	11.4	10.3	23	60	9	12	6	7	0	0	0	0	5.06	75
WOTTISHAM		21.9	89	15.1	6.3	10.7	-	25.0	31	2.2	17	-	-	25	63	10	5	8	5	0	0	0	0	5.59	-
BEDFORDSHIRE																									
CARDINGTON		21.9	29	16.4	5.8	11.1	-	26.6	31	1.0	26	11.3	9.9	41	90	29	5	10	5	0	0	0	0	6.32	-
LUTON		9.9	158	16.3	5.9	11.1	-	26.2	31	3.1	26	11.0	10.2	63	119	37	5	11	5	0	0	0	0	6.03	-
SILSOE		9.9	59	15.8	5.8	10.8	-0.5	26.2	31	1.6	26	11.4	9.5	46	101	31	5	9	5	0	0	0	0	5.98	96
HOBURK		9.9	89	15.8	5.7	10.7	-0.5	25.8	31	1.0	10	10.9	8.8	54	101	31	5	9	5	0	0	0	0	6.13	101
HERTFORDSHIRE																									
ALDENHAMS SCHOOL		9.9	91	17.0	6.2	11.6	-	26.4	31	2.3	26	12.5	-	70	135	34	5	11	8	0	0	0	0	0	-
C																									

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1978

DISTRICT AND PLACE	MAX. MIN. TERMINAL NIGHTS OF OBSERVATION	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE (MEAN OF R.B.)	RAINFALL TERMINAL H 09 (GMT)			WEATHER (NUMBER OF DAYS)			BRIGHT SUNSHINE (HOURS)		
		HEAVS OF		HIGHEST MAXIMUM		LOWEST MINIMUM			TOTAL FALL (MM)			PRECIPITATION					
		MAX. (A)	MIN. (B)	DAILY MEAN DIFFERENCE FROM 154-70 AVERAGE	HIGHST MAX.	DATE	MIN.		30 CM DEGREES C	100 CM DEGREES C	MOST IN A DAY	0.2 MM OR MORE	1.0 MM OR MORE				
4 MIDLAND COUNTIES																	
WEST YORKSHIRE																	
BEDFORD ***	9 9	134	15.2	6.5	10.9	+0.4	24.5	31	4.3	19	10.6	8.7	42	66	15		
BIRMINGHAM	9 9	54	15.5	5.6	10.5	-	24.4	31	2.2	17	46	66	20	4	12		
HUDSONFIELD (ORKNEY)	21-9	232	15.6	5.9	10.7	+0.3	25.2	31	3.5	9.20	9.7	7.3	50	70	19		
LILLEY ***	9 9	83	16.1	6.4	11.3	+0.6	25.2	31	3.3	10	-	-	33	52	11		
PONTEFRACT	9 9	76	15.7	6.6	11.1	-	24.6	31	4.4	3	-	-	20	40	6		
TODMORDEN	9 9	160	15.7	5.9	10.8	-	24.9	31	2.3	10	-	-	33	10	4		
WILSDEN ***	9 9	262	14.7	5.6	10.1	-	25.0	31	3.0	5	-	-	46	22	4		
SOUTH YORKSHIRE																	
FINNINGLEY ***	21-9	10	16.3	6.4	11.3	-	26.5	31	3.8	19	-	-	25	53	14		
SHEFFIELD																	
DARE ***	9 9	206	15.8	5.5	11.1	-	24.7	31	4.3	1.2.20	-	-	27	-	15		
WESTON PARK ***	9 9	131	(16.1)	7.1	(11.6)	(+0.3)	26.2	31	4.51	2	11.1	9.1	35	53	13		
DERBYSHIRE																	
ASHOVER	9 9	178	15.8	6.1	10.9	-	25.7	31	3.0	15	-	-	33	-	14		
BUXTON	9 9	307	-	-	-	-	-	-	-	-	-	-	-	-	-		
DERBY ***	9 9	48	16.7	7.2	11.9	-	27.0	31	3.7	10	-	-	27	53	16		
WINGERWORTH	9 9	116	15.9	5.5	10.7	-	25.4	31	0.9	10	10.8	-	39	-	15		
NOTTINGHAMSHIRE																	
MANFIELD	9 9	114	15.5	6.4	10.9	-0.2	25.5	31	3.5	19	-	-	36	-	17		
NEATHORPE	9 9	58	-	2.5	-	-	-	-	-1.1	14	-	-	30	-	16		
NOTTINGHAM	9 9	55	-	-	-	-	-	-	-	-	41	84	23	7	6		
SUTTON BONINGTON	9 9	48	16.1	5.3	10.7	-0.4	26.1	31	1.6	10.27	10.8	9.4	39	77	21		
MARSDON	9 9	46	15.9	5.2	10.5	-	26.0	31	0.6	10	-	-	29	57	15		
WATFALL	21-9	117	15.6	6.5	11.1	0.0	26.5	31	3.7	19	-	-	31	55	16		
STAFFORDSHIRE																	
KEELE ***	9 9	179	15.4	6.7	11.1	-	23.9	31	3.8	19	10.7	8.3	49	77	21		
OAKEN	9 9	125	15.6	6.0	11.1	+0.2	26.0	31	3.1	15	-	-	32	50	18		
PENKIRKIDGE ***	9 9	101	15.8	5.1	10.5	-	25.5	31	1.7	15	-	-	32	52	18		
STONE ***	9 9	107	15.6	6.3	10.9	-	24.0	31	3.3	10	-	-	34	56	17		
LEICESTERSHIRE																	
CALDECOTT ***	9 9	53	15.7	5.5	10.6	-	26.0	31	0.5	10	-	-	46	101	51		
NEWTON LINFORD ***	9 9	119	15.6	6.0	10.9	-	26.1	31	1.7	15	-	-	43	76	20		
SLRD																	
HAMPTON LORDE	9 9	70	17.0	6.2	11.6	-	27.0	31	2.5	10	-	-	42	-	18		
NEWPORT	9 9	64	16.5	6.7	11.6	+0.7	25.6	31	2.0	15	-	-	44	75	20		
OSWESTRY	9 9	176	15.8	6.5	11.2	+0.5	24.5	31	0.5	10	-	-	39	52	15		
PRESTON MONFORD	9 9	67	16.5	6.1	11.3	-	25.4	31	3.1	10	12.0	10.0	63	84	26		
SHROPSHIRE	21-9	72	16.5	6.7	11.6	+0.5	25.2	31	2.0	15	-	-	50	84	22		
WEST MIDLANDS	9 9	56	(13.3)	7.1	(10.2)	(-1.2)	20.1	31	3.5	10	12.6	10.9	39	69	19		
BIRMINGHAM																	
EDGIBSTON	21-9	163	15.8	7.4	11.6	+0.2	25.7	31	4.6	18	9.4	-	33	48	21		
ELMWOOD AIRPORT	21-9	96	16.1	5.7	10.9	-0.1	25.9	31	0.1	15	-	-	31	48	15		
KING EDWARD'S SCHOOL	9 9	137	17.3	7.5	12.4	-	25.4	31	3.9	14	-	-	31	48	22		
COVENTRY AIRPORT	9 9	81	16.0	5.9	10.9	-	25.8	31	0.8	16	10.2	9.4	44	-	17		
WARRICKSHIRE																	
LUDLINGTON ***	9 9	56	16.5	6.3	11.4	-	26.0	31	2.3	10.16	-	-	41	-	22		
MORETON MORRELL	9 9	85	16.2	5.6	10.9	-	26.0	31	0.9	16	-	-	37	66	20		
RUGBY ***	9 9	116	16.0	6.3	11.1	-0.2	25.7	31	2.7	10	12.6	10.4	45	84	20		
SHIPSTON-ON-STOUR	9 9	111	16.2	6.5	11.3	-0.2	26.0	31	3.0	15	10.6	-	37	63	19		
STRATFORD-UPON-AVON	9 9	49	16.5	5.5	11.1	-0.2	26.3	31	0.3	10	12.0	-	41	75	20		
MELLESBOROUGH ***	9 9	47	16.3	5.5	10.9	-	26.2	31	1.1	10	11.3	9.8	37	70	19		
NORTHAMPTONSHIRE																	
BUGBROOK MILLS	9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-		
MOUTON PARK	9 9	122	15.5	5.9	10.7	-	25.4	31	2.6	19	11.5	9.4	45	-	31		
RAUNDS	9 9	59	16.1	5.9	11.0	-0.5	26.5	31	0.5	10	11.8	9.3	47	95	31		
HEREFORD & WORCESTER																	
ASTWOOD BANK	9 9	139	16.4	6.7	11.5	-	25.6	31	4.0	15.20	-	-	41	-	22		
HEREFORD ***	9 9	51	(17.4)	6.9	(12.1)	-	26.6	31	3.3	6	12.5	10.3	47	83	23		
LYONSHALL	9 9	155	16.4	7.0	11.7	+0.6	25.5	31	4.0	15	10.6	-	50	70	26		
MALVERN ***	9 9	62	17.0	7.9	12.5	-	26.6	31	4.8	18	12.0	9.4	19	29	6		
PERSHORE																	
COLLEGE OF HORT. ***	9 9	40	17.2	7.1	12.1	-	27.0	31	4.5	16	-	-	25	42	12		
PRESTON WYNNE ***	9 9	84	16.7	6.2	11.5	-	25.9	31	2.1	16	-	-	29	49	5		
OXFORDSHIRE																	
BENSON ***	21-9	67	16.7	6.6	11.7	-	27.2	31	3.2	10	-	-	50	-	19		
BRIZE NORTON	21-9	81	16.6	6.9	11.7	-	26.9	31	2.8	10	-	-	27	-	22		
LETcombe REGIS ***	9 9	107	16.6	6.3	11.5	-	27.4	31	1.1	3	11.7	-	41	69	8		
OXFORD	9 9	63	16.9	7.1	12.0	-0.1	26.5	31	4.1	10	12.6	10.6	49	87	17		
SHIRBURN (MODEL FARM)	9 9	108	16.4	6.1	11.3	-	27.0	31	2.1	10	11.9	-	54	-	22		
WALLINGFORD ***	9 9	48	16.7	5.8	11.3	-	26.4	31	0.9	10	11.9	10.2	46	96	17		
BUCKINGHAMSHIRE																	
AYLESBURY ***	9 9	96	17.2	6.9	12.1	+0.8	26.8	31	2.2	10	-	-	57	113	24		
GRENDALE UNDERWOOD ***	9 9	67	16.1	5.5	10.8	-	25.5	31	0.0	10	11.2	9.3	52	96	19		
MIDNIGHTMAN ***	9 9	30	17.5	5.0	11.3	-	27.1	31	1.1	16	-	-	55	98	20		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE		MAX. MIN. HEIGHT OF STATION ABOVE海EL (METRES)	AIR TEMPERATURE IN DEGREES C				MEAN EARTH TEMPERATURE	RAINFALL (TERMINAL H 09 GNT)		WEATHER (NUMBER OF DAYS)				BRIGHT SUNSHINE	
			MEANS OF		HIGHEST MAXIMUM	LOWEST MINIMUM		TOTAL FALL (MM)		AMOUNT (MM)	DATES	0-2 MM OR MORE OR MORE	SNOW LYING AT 9H	ICE PELLETS, ETC.	
			MAX.	MIN.	DATE	MIN.		100 CM DEGREES C	PERCENTAGE OF 1941-70 AVERAGE	DATE	0-10 MM OR MORE	0-10 MM OR MORE	FOOT 9H	AIR FROST	
5 ENGLAND SE & CENTRAL S.															
GREATER LONDON															
BROMLEY ***	***	9.9	65	16.8	7.8	12.3	-0.1	26.0	31	4.5	26	-	-	0	
GREENWICH	***	9.9	7	16.7	7.9	12.3	-	26.2	31	4.5	10	-	-	0	
HAMPSTEAD	***	9.9	137	15.9	6.9	11.4	-0.4	25.8	31	3.5	10	-	-	0	
HARPTON	***	9.9	12	-	-	-	-	-	-	-	-	-	-	0	
HARROW MEAD	***	9.9	98	-	6.7	-	-	-	-	3.0	10	11.8	10.4	62	-
HEATHROW AIRPORT	***	21-9 25	17.1	8.0	12.5	-	0.0	27.0	31	4.4	3	-	-	23	-
KENSINGTON PALACE	***	9.9	25	-	-	-	-	-	-	-	-	79	157	29	-
KEN	21-9 5	-	-	-	-	-	-	-	-	-	-	-	-	11	10
PSYCHROMETER ***	***	16.5	6.6	11.5	0	-	25.9	31	2.6	16.26	11.7	10.0	89	186	32
NORTH WALL SCREEN	***	17.0	8.2	12.6	0	-	26.6	31	5.2	10	-	-	-	-	5
LONDON														12	0
WEATHER CENTRE (X)	21-9	77	17.1	9.0	13.1	-	-	26.8	31	5.6	10	-	-	0	0
ST JAMES PARK	***	9.9	9	(17.3) 8.7	(13.0)	(-0.1)	-	27.1	31	5.2	10	-	-	0	0
SOUTHGATE	***	9.9	67	-	7.1	-	-	-	-	4.0	10.19	11.4	-	84	175
WADDDON	***	9.9	59	16.8	7.5	12.1	0.0	27.0	31	4.5	3.26	-	-	67	136
WILTSHIRE														11	10
BOScombe DOWN	***	21-9 126	16.4	6.9	11.7	+0.4	-	26.2	31	3.1	3	-	-	44	78
LACOCK	***	9.9	49	16.5	5.5	11.0	-	26.6	31	0.8	3	-	-	33	53
LARKIN	***	9.9	132	16.5	6.6	11.5	-0.4	27.2	31	3.1	16.18	19	-	46	82
LYNNHAR	***	21-9 145	16.0	6.9	11.5	-0.3	-	26.1	31	1.3	3	-	-	24	39
PORTON	***	9.9	111	16.4	6.1	11.5	+0.2	26.2	31	1.7	3	11.2	-	38	63
TROMBRIDGE	***	9.9	37	17.4	6.5	11.9	-	27.8	31	1.7	3	11.9	-	43	24
UPAVON	***	21-9 179	16.3	7.0	11.7	-	-	25.9	31	3.3	3.6	-	-	32	53
BERKSHIRE														18	1
ERSTHAMPSTEAD	***	9.9	77	16.5	4.8	10.7	-	26.8	31	-0.5	10	11.1	10.1	90	97
HURLEY	***	9.9	43	16.8	6.6	11.7	-	26.9	31	2.9	3	-	-	59	107
LAMBDRUM (MARKEN FARM)	***	9.9	192	15.3	6.2	10.7	-	24.7	31	0.3	3	11.2	-	31	6
READING	***	9.9	66	16.4	6.9	11.7	-	26.8	31	3.1	10	11.5	9.6	66	15
SHIMFIELD (I.R.D.)	***	9.9	62	16.6	6.9	11.7	-	26.5	31	2.7	3	-	-	59	16
SURREY														1	1
WISLEY	***	9.9	32	17.1	6.4	11.7	-0.4	27.0	31	1.5	3	12.1	10.8	87	175
KENT														30	1
DOVER R.M.S.	***	9.9	123	15.6	7.3	10.5	-	22.8	31	4.4	10	-	-	43	84
DUNGENESS	***	9.9	6	15.9	8.0	10.9	-	19.2	31	4.2	15	-	-	39	92
ERST MALLING	***	9.9	52	16.1	7.5	11.8	+0.3	26.0	31	4.0	15	12.0	10.4	63	129
EDENBRIDGE	***	9.9	45	16.3	6.5	11.4	-	26.0	31	2.8	18	-	-	77	29
ELASTONE	***	9.9	5	14.9	6.2	(10.5)	-	24.9	31	0.5	15	-	-	44	108
FIVERSHAW	***	9.9	48	14.8	7.1	10.9	-	25.0	31	4.0	27	11.1	9.8	55	117
FOLKESTONE	***	9.9	31	15.2	8.1	11.6	-	25.4	31	4.4	10	10.6	35	76	9
GILL INGHAM	***	9.9	5	(15.7)	(7.6)	(11.1)	-	22.7	31	4.5	10	-	-	77	175
GODSHURST	***	9.9	85	(15.8)	6.6	11.2	-	25.0	31	3.0	18	-	-	47	85
HODSON COLLEGE	***	9.9	27	16.7	6.8	11.7	-	26.4	31	3.4	10	11.6	10.1	60	23
HERNE BAY	***	9.9	51	15.6	7.5	10.5	-	22.0	31	2.5	15	11.7	-	38	17
HARSTON	***	21-9 44	15.9	7.8	10.9	-	-	24.6	31	3.5	15	-	-	36	92
MARSHATE	***	9.9	16	12.8	8.2	10.5	-1.4	19.4	31	5.4	10	12.0	10.5	28	73
ULCOMBE	***	21-9 47	16.0	7.0	11.5	-	-	26.3	31	3.8	10	17.2	17.2	49	11
WTB	***	9.9	56	15.4	7.4	11.4	-0.2	26.5	31	4.7	15	11.6	9.9	46	91
HAMPSHIRE														12	5
ALICE HOLT LODGE	***	9.9	115	16.6	6.1	11.3	0	26.5	31	0.2	3	-	-	69	112
EVERTON	***	9.9	16	16.2	7.1	11.1	-	25.3	31	3.1	16	-	-	41	77
HOYLING ISLAND	***	9.9	4	16.2	8.1	11.1	-	25.3	31	4.0	3	-	-	44	91
LECKFORD	***	9.9	117	16.2	6.1	11.1	-0.2	25.0	31	1.9	3	10.7	-	35	56
LONG SUTTON	***	9.9	145	16.2	6.1	11.1	-	25.7	31	2.4	3	12.3	10.1	68	118
MARYT WORTHY	***	9.9	84	15.5	6.4	11.4	-	26.4	31	4.6	3	12.8	10.7	43	69
SOUTHAMPTON														18	1
MAPLEFLOWER PARK	***	9.9	3	17.4	8.2	12.8	+0.2	25.6	28	3.3	3	13.1	11.8	43	-
WEATHER CENTRE (X)	21-9 19	17.2	8.5	12.9	-	-	-	25.6	30	4.1	3	-	-	33	77
SOUTHSER	***	9.9	2	16.3	8.8	12.5	0	22.6	31	5.3	6	12.7	11.2	47	95
SPARSHOLT	***	9.9	113	(16.6)	(6.7)	(11.7)	-	25.8	31	2.2	3	-	-	39	23
ISLE OF WIGHT														1	1
RYDE	***	9.9	4	16.0	8.9	12.5	+0.2	25.4	30	5.2	3	-	-	51	102
ST CATHERINES POINT	***	9.9	16	14.6	8.5	11.5	-0.2	20.8	31	4.8	6	-	-	33	54
SANDOWN	***	9.9	4	15.6	7.6	11.6	-0.5	20.9	30	2.9	3	-	-	48	98
SHANKLIN	***	9.9	55	15.4	7.0	11.2	-0.1	21.6	28	3.6	3	-	-	44	76
VENTON	***	9.9	135	15.5	8.4	11.9	+0.2	21.6	30	4.4	6	12.8	10.7	43	81
WEST SUSSEX														21	1
BOONOR REOTS	***	9.9	7	15.7	8.4	12.1	-0.4	22.2	30	4.0	3	-	-	39	11
FERNHURST	***	9.9	57	16.9	5.6	11.3	-0.2	26.8	31	1.5	3	11.9	-	56	85
GATWICK AIRPORT	21-9 59	16.5	6.4	11.5	-	-	-	26.8	30	2.1	3	-	-	70	132
HURSTPIERPONT	***	9.9	29	17.0	5.8	11.1	-	27.0	31	1.1	3	-	-	51	23
LITTLEHAMPTON	***	9.9	5	16.1	7.5	11.8	0.0	23.9	30	2.4	3	-	-	10.9	43
ROGATE	***	9.9	64	16.9	6.4	11.7	-	26.2	31	2.2	3	13.0	-	63	15
NORTHING	***	9.9	2	16.3	7.7	12.0	-	23.6	30	1.8	3	-	-	19	5
WEST SUSSEX														10	1
BEAFLIX	***	9.9	4	15.6	8.4	12.0	+0.3	24.5	30	4.5	3	15.1	11.1	30	67
BRIGHTON	***	9.9	10	16.1	8.2	12.1	+0.2	25.9	30	3.3	3	15.1	11.1	30	67
EASTBOURNE	***	9.9	7	15.4	8.7	12.1	+0.3	23.5	30	3.5	3	12.6	11.4	32	67
EAST HORTHLY	***	9.9	45	16.9	5.6	11.3	-	26.4	31	0.0	10	-	-	40	87
HASTINGS	***	9.9	45	15.6	8.1	11.9	0.0	25.5	31	4.3	10	13.6	11.8	41	88
HERSTMONCEUX	21-9 18	16.1	7.1	11.6	-	-	-	25.8	31	1.8	3	-	-	34	11
PLUNPTON	***	9.9	76	16.7	6.6	11.7	-	26.0	31	0.5	3	-	-	51	84

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE	RAINFALL (TERMINAL H 09 ON)	WEATHER (NUMBER OF DAYS)			BRIGHT SUNSHINE PERCENTAGE OF 1561-70 AVERAGE EXPOSURE	
		MEANS OF		HIGHEST MAXIMUM	LOWEST MINIMUM	SOON DEGREES C				TOTAL FELL (MM)	PERCENTAGE OF 1561-70 AVERAGE SHOWER	MOST IN A DAY	PRECIP. ITATION	
		MAX. (R)	MIN. (L)			DAILY MEAN (MEAN OF 8-H)	DIFFERENCE FROM 1961-70 AVERAGE	HHR.	DATE	MIN.	DATE	THRESHOLD	TYPE	
7A ENGLAND NW & L.O.N.H.														
CUMBRIA														
CARLISLE ***	21-9 26	17.0	6.6	11.8	-	26.6	31	3.1	17	12.3	10.3	17	30	0
CARTRELL ***	9-9 25	16.7	5.5	11.4	-	25.9	31	1.6	10	26	24	11	8	0
CRIMBLEDALE ***	9-9 91	17.1	5.4	11.3	-	25.8	31	0.0	19	9.9	27	24	15	0
DOOR HOUSE														
HEWTON RIGG														
HEWTON RIGG	9-9 171	16.3	5.8	11.1	+1.0	24.6	29,31	1.2	16	11.3	26	45	11	0
SELLAFIELD ***	9-9 13	(16.2)	(7.9)	(12.1)	-	26.2	31	5.0	10	-	6	9	3	1
LANCASHIRE														
HAZELHEAD														
HELMshore	9-9 260	15.2	6.4	10.8	-	23.6	29	3.1	18	10.1	-	34	35	0
KIRKHAM ***	9-9 26	16.2	7.1	11.7	-	26.1	31	1.9	10	-	18	28	5	1
MARKEABLE ***	9-9 7	16.7	8.6	12.7	+1.2	27.6	31	6.0	-	-	39	59	15	0
PRESTON ***	9-9 35	16.7	7.2	11.9	-	24.5	26	-	-	-	34	50	15	0
SLATDURN														
SQUIRES GATE AIRPORT	9-9 192	16.0	5.7	10.8	-	24.5	26	1.7	17	-	17	19	11	0
STONYTHURST ***	21-9 10	15.9	6.9	11.4	+0.5	26.8	31	2.2	19	-	22	56	6	1
HERSEYSIDE														
ALBURY ***	9-9 95	15.6	7.5	11.5	-	24.7	31	4.5	19	-	21	5	13	0
BLOSTON ***	9-9 60	15.3	8.4	11.9	-	26.1	31	5.5	15	-	47	51	11	0
ST HELENS ***	9-9 76	16.9	7.9	12.4	-	26.5	31	4.3	19	12.5	50	7	10	0
SOUTHPORT ***	9-9 5	15.6	7.2	11.4	+0.5	26.3	31	2.6	19	12.1	9.3	23	57	0
WEST KIRBY PARK ***	9-9 7	16.4	7.8	12.1	+0.5	27.6	31	3.6	15	-	42	72	15	0
GREATER MANCHESTER														
BOLTON ***	9-9 107	16.3	6.9	11.6	-	25.0	31	3.3	18	10.4	8.9	26	-	13
MANCHESTER														
RINGWAY AIRPORT ***	21-9 75	16.7	7.9	12.3	+1.0	26.7	31	4.7	19	-	33	55	17	4
WEATHER CENTRE (X)	21-9 69	15.0	7.2	13.2	-	27.6	31	6.0	12	-	29	16	4	1
CHESTER														
KNUTSFORD ***	9-9 65	(17.0)	(6.7)	(11.9)	-	26.5	31	3.5	10	(11.4)	9.8	40	61	0
MACCLESFIELD ***	9-9 152	16.3	7.1	11.7	+0.6	25.6	31	3.1	19	-	21	39	22	0
NESS GARDENS ***	9-9 30	17.0	7.4	11.7	-	26.6	31	4.0	15	12.1	40	69	19	2
ISLE OF MAN														
DOUGLAS ***	9-9 85	14.9	7.9	11.4	+1.1	23.9	31	3.6	15	-	15	17	2	0
POINT OF AYRE ***	21-9 9	14.8	7.3	11.1	+0.3	23.1	29	2.8	16	-	12	19	7	0
RONALDSAY AIRPORT ***	21-9 16	14.7	7.2	10.9	+0.6	23.7	31	1.9	15.16	-	22	39	8	0
7B WALES N														
Gwynedd														
BALA ***	9-9 163	15.9	4.5	10.2	-	25.2	28	-0.2	10	11.2	9.7	58	48	9
BARDSEY ISLAND ***	21-9 15	13.2	8.0	10.6	-	22.5	31	5.9	4	-	16	31	6	1
BETNS-Y-COED ***	9-9 20	17.7	5.6	11.7	-	27.0	31	0.9	11	11.6	-	10	57	0
BOTWYNNOG ***	9-9 34	15.9	7.3	11.6	-	25.5	31	3.5	15	12.5	11.5	33	45	1
CHYTRISTRADYLIN ***	9-9 206	15.7	7.4	11.5	-	26.0	31	3.0	15.16	-	34	7	3	0
LLYN ALAN ***	9-9 44	15.6	7.1	11.3	-	23.5	29,31	2.5	15	-	20	4	31	0
PEW-Y-FRFRD ***	9-9 84	16.5	7.0	11.7	-	26.7	29,31	2.6	15	-	37	52	17	0
TRANSFYTDDYD ***	9-9 193	16.0	6.9	11.5	-	26.5	31	2.9	3	-	33	55	9	0
VALLEY ***	21-9 10	16.2	7.6	11.9	+0.9	27.7	31	3.0	15	-	17	30	5	1
CLWYD														
LLANFACHEN ***	9-9 335	14.9	3.5	9.2	-	24.3	31	-0.6	18	-	41	47	13	2
COLYNN BRY ***	9-9 386	13.9	5.7	9.8	-	23.5	31	2.8	19	8.7	58	66	13	0
CORNEW ***	9-9 18	14.7	7.8	11.3	-	26.0	31	3.9	15	12.0	51	62	12	0
HARWEN BRIDGE ***	9-9 144	15.7	4.5	10.1	-	25.2	31	-0.2	21	-	58	17	4	0
LLGODERHEDDOS ***	9-9 5	16.8	6.7	11.7	-0.1	27.7	31	2.8	15	-	40	70	16	0
LLGWYNTYD ***	21-9 210	14.9	5.0	9.9	-	24.1	31	0.7	16	10.2	55	79	18	2
PRESTATYN ***	9-9 4	15.4	7.9	11.7	+0.2	26.1	31	3.9	15	-	32	64	13	2
RUDDIN ***	9-9 76	16.1	6.0	11.0	-	25.3	31	1.7	16	-	35	59	15	2
PONHYSGNORTH ***														
HOPE ***	9-9 91	16.6	6.6	11.7	-	25.6	31	2.8	10	12.3	41	-	12	0
LOW VYNHAY ***	9-9 303	15.5	5.2	9.9	+0.2	23.6	31	2.1	10.16	9.8	49	44	16	2
LLANFAIR CREWELEINTON ***	9-9 236	15.7	6.4	11.1	-	25.2	31	3.6	6	10.7	53	-	20	0
MOEL CYNEDD ***	9-9 358	14.7	3.0	8.9	-	24.4	31	-0.7	6.20	8.9	67	-	11	0
7C WALES S														
Dyfed														
ABERPORTHY ***	21-9 134	15.6	8.0	10.8	+0.1	25.8	31	3.6	15	-	15	25	4	1
ABERYSTWYTH ***	9-9 6	16.0	7.2	11.6	-	25.3	31	1.8	16	12.3	29	33	1	0
BRAMPTON ***	21-9 111	14.8	7.2	11.0	-	25.4	31	2.0	16	-	22	10	5	0
BRYNARWYN ***	21-9 183	16.8	7.6	12.2	-	25.7	31	1.9	16	-	51	11	12	0
CARMARTHEN ***	9-9 15	17.5	5.8	11.7	-	27.2	30,31	1.8	1	11.7	9.9	10	4	0
CWMYSTWYTH ***	9-9 301	14.6	5.2	9.9	-	24.5	31	0.8	10	-	61	56	15	0
DALE FORT ***	9-9 35	-	-	-	-	-	-	-	-	-	-	-	-	0
GODERDOWM ***	9-9 31	16.1	6.8	11.5	-	27.5	31	2.6	10	-	16	28	4	3
HILFORD HAVEN (CONSERVANCY BOARD)	21-9 37	15.5	8.1	11.8	-	25.3	31	3.4	15	-	29	45	16	1
Orielton ***	9-9 61	16.0	7.2	11.6	-	25.3	31	1.8	16	12.3	33	16	7	0
SKOKHOLM ISLAND ***	9-9 36	15.2	8.5	10.9	-	25.4	30	5.8	16	-	17	12	4	0
TENBY ***	9-9 5	15.5	7.1	11.3	-	25.0	31	3.2	15	-	25	35	12	0
TRAFCEDDIO ***	9-9 61	16.2	6.0	11.1	-	26.2	31	1.8	10	11.3	35	30	10	0
TREGARON ***	9-9 178	15.8	5.5	10.7	-	25.2	31	0.5	10	11.3	35	35	10	7
WHITECHURCH (WYNSOUTH)	9-9 130	15.7	6.2	10.9	-	25.3	31	2.0	10.16	-	22	-	4	1
CENARTH ***	21-9 308	15.0	4.9	9.9	-	24.0	31	0.6	15	-	28	-	5	0
Llanllanenny ***	9-9 122	16.9	6.5	11.7	-	25.7	31	2.5	15	-	5	4	12	6

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

**MAY 91
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DISTRICT REGION/COUNTY AND PLACE	HRK. TERMINAL HEIGHT OF OBSERVATION MIN. HEIGHT OF STATION ABOVE MSL (THE TIDE)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GM)			WEATHER (NUMBER OF DAYS)				BRIGHT SUNSHINE	
		MEANS OF		DAILY MEAN (DAILY R.H.)		HIGHEST MAX.	LOWEST MIN.	50 CM DEGREES C		100 CM DEGREES C		TOTAL FILL (MM)		PRECIP- ITATION		THUNDER HEARD		DAILY MEAN (HOURS)
		MAX. - (R.)	MIN. - (R.)	DIFERENCE FROM 1941-70 AVERAGE	DATE	MAX.	DATE	MAX.	DATE	MAX.	DATE	AMOUNT MM	PERCENTAGE OF 1941-70 AVERAGE	DATE	TYPE	FROST	SUNSHINE	
WALES S CONTINUED																		
WEST GLAMORGAN																		
MUMBLES HEAD	...	21-9 36	15.2	8.9	12.1	-	21.9	28.30	5.0	6	-	-	-	0	0	0	0	
NEATH	...	9 9 62	16.6	8.3	12.5	-	26.3	31	3.4	15	-	-	10	9	5	0	0	
PENRHYN	...	9 9 87	16.4	8.2	12.3	-	24.5	31	4.8	16	-	-	27	11	10	0	8.15	
PORT TALBOT	...	9 9 5	17.3	7.9	12.6	-	27.0	31	2.5	15	-	-	35	11	1	0	7.24	
SWANSEA	...	9 9 10	16.2	8.7	12.5	+0.2	22.8	28	5.0	6.15	13.6	11.9	21	28	1	0	6.86	
WHITEFORD BURROWS	...	9 9 5	16.2	7.1	11.7	-	24.8	31	2.8	16	-	-	19	8	1	0	105	
MID GLAMORGAN																		
ABERDARE FILTER STATION	9 9	174	16.3	6.8	11.5	-	24.6	31	2.3	15	-	-	33	11	31	15	0	
CILYFNYDD	21-9 194	(16.5)	-	-	-	-	24.4	30	-	-	-	-	38	12	31	10	4.32	
LILLYWELL	...	9 9 241	15.7	5.9	10.8	-	24.6	31	1.2	15	-	-	29	27	6	11	6.65	
PORTHCOLWELL	9 9 6	16.3	7.3	11.8	-	26.7	27	3.4	13.4	-	-	37	57	15	1	7.59		
SOUTH GLAMORGAN																		
BRIDGEND	9 9 40	17.4	-	7.4	-	-	2.5	15	12.9	10.2	31	-	12	1	12	9	0	
CARDIFF (BUTE PARK)	9 9 9	17.3	7.4	12.3	-	-	26.3	31	2.7	15	-	-	11	31	13	0	6.09	
RHOOSSE AIRPORT	21-9 67	16.0	7.2	11.6	-	-	25.9	31	2.6	6	-	-	49	17	31	11	7.13	
WEST GLOUCESTERSHIRE																		
CRUMBLAND	9 9	245	15.9	-	6.8	11.3	-	26.6	31	2.6	6	10.7	9.3	25	31	5	1	6.81
USK	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ENGLAND S/W																		
AVON																		
BATH	9 9	118	16.7	(7.5)	(12.1)	-	26.0	31	3.5	3	12.0	-	30	45	17	1	9	0
FILTON	21-9 59	16.7	7.6	12.1	+0.4	-	26.9	31	2.7	3	-	-	20	32	8	1	4	0
LONG ASHTON	9 9 51	16.9	7.1	12.0	+0.3	-	26.5	31	3.2	6	12.0	-	34	49	17	1	0	6.26
SOMERSET																		
CRAVEN CLINTON	9 9 28	16.8	7.3	12.1	+0.3	-	27.0	31	3.0	16.17	15.5	-	52	82	39	1	8	0
CREWMEAN	9 9 101	16.3	7.0	11.7	-	-	25.0	31	3.9	18	12.3	-	45	32	32	1	0	6.00
DOXHILL ABBEY	9 9 183	16.6	6.8	11.4	-	-	25.3	31	2.7	6	-	-	45	53	21	1	0	-
EXTON	21-9 529	16.6	6.6	10.9	-	-	23.5	31	2.1	15	-	-	51	58	25	1	6.55	
HAWKREIDGE	9 9 314	15.5	5.9	10.2	-	-	22.2	31	2.1	16	-	-	56	52	27	8	0	-
NETTLECOOMBE	9 9 96	15.9	-	-	-	-	22.6	30	-	-	-	-	56	52	23	12	0	-
NETTLECOMBE(BIRDS HILL)	9 9 280	17.0	(7.4)	(10.7)	-	-	21.0	31	3.9	6	-	-	61	51	31	1	0	-
ROODNEY STONE	9 9 40	16.4	7.1	11.7	-	-	26.2	31	3.4	15	12.0	10.3	36	52	23	1	0	-
WINCHINTON	9 9 113	16.7	6.8	11.7	-	-	26.3	31	3.0	3	-	-	36	52	25	1	6.32	
LEAVILTON	21-9 18	17.2	6.6	11.9	-	-	26.9	31	2.3	10	-	-	41	64	29	1	8	-
DORSET																		
BOURNEMOUTH	21-9 10	16.6	6.1	11.3	-	-	26.0	31	1.8	15	-	-	39	67	26	1	9	0
HEYRECK PARK	9 9 40	16.4	6.1	11.3	-	-	-	-	-	-	-	-	34	61	23	1	5	0
CHRISTCHURCH	9 9 3	16.4	7.3	11.9	-	-	24.0	31	2.9	3	-	-	20	71	19	1	10	0
POOLE	9 9 5	16.7	7.1	11.9	+0.2	-	25.5	31	3.2	16	12.0	10.8	41	71	22	1	4	0
PORTLAND BILL (COSTGUARD)	21-9 53	15.4	8.6	11.5	+0.4	-	20.3	28	5.7	6	-	-	25	1	6	3	0	8.50
SWANAGE	9 9 11	15.1	8.3	11.7	+0.2	-	20.8	25	5.2	16.17	-	-	11	33	60	26	1	7.75
MEYNARTH	9 9 23	16.6	7.0	11.8	-	-	22.2	28	3.4	17	-	-	33	26	1	1	0	104
MINFRITH	9 9 26	16.7	6.5	11.6	-	-	25.5	31	2.3	26	-	-	37	60	27	1	5	8.21
DEVON																		
CHAWLIGH	9 9 168	16.1	6.3	11.2	-	-	23.4	30.31	3.9	6	11.7	-	46	71	20	1	10	0
EXETER AIRPORT	21-9 32	16.7	7.0	11.9	+0.4	-	24.0	30	2.9	16	-	-	43	71	19	1	10	6.94
EXMOUTH	9 9 59	16.1	7.8	11.9	+0.6	-	21.8	28	5.0	6.16	-	-	29	46	17	1	11	7.57
HARTLAND POINT	21-9 93	15.5	8.4	10.9	+0.9	-	20.5	25	5.1	17	-	-	21	36	8	1	5	7.70
ILFRACOMBE	9 9 8	15.9	8.9	11.9	-	-	26.0	31	6.9	15.21	13.3	11.5	49	21	4	6	5	7.32
OKENHAMPTON	9 9 372	(14.2)	6.8	(10.5)	-	-	22.6	31	3.0	6	-	-	32	-	15	1	0	-
PLYMOUTH																		
MOUNT BATTEN	21-9 27	16.0	8.4	12.2	+0.7	-	24.4	31	4.2	2	-	-	10	15	4	7	1	7.54
THE HOE	9 9 36	16.3	8.9	12.6	+0.6	-	24.6	31	5.0	2	13.0	11.0	10	15	3	4.14	6	106
PRAMBLE POINT	21-9 59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.87	
PRINCETON	9 9 414	14.6	6.3	10.5	-	-	22.5	28	2.4	6	-	-	31	9	4	10	5	-
SILOMOUTH	9 9 10	16.0	8.0	12.0	+0.5	-	21.5	30.31	4.0	16	-	-	65	104	20	14	9	0
SLAPTON	9 9 32	16.6	8.3	12.5	-	-	21.5	10	4.6	2.6	-	-	26	34	11	14	9	0
STARCROSS	9 9 9	15.7	7.5	11.5	+0.2	-	21.2	28	4.7	16	12.9	-	29	44	18	1	0	7.18
TEIGNMOUTH	9 9 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	103
TORBAY(TORQUAY)	9 9 8	15.9	8.7	12.3	+0.4	-	21.4	10	5.2	2	-	-	11	8	25	36	10	0
CORNWALL																		
BASTREEAT	9 9 236	15.5	5.0	10.3	-	-	24.0	30.31	2.0	2	-	-	26	20	7	14	9	7.20
BUDE	9 9 15	15.2	7.4	11.3	0.0	-	27.1	31	3.7	17.25	13.5	-	15	24	6	4	7	6.70
CULDROSE	9 9 81	14.9	7.8	11.3	-	-	20.7	28	3.5	1	-	-	20	31	7	2	7	7.00
FALMOUTH	9 9 51	15.3	8.2	11.7	-	-	20.0	26	4.5	6	-	-	19	25	5	2	7	7.74
FOMEY	9 9 75	15.5	7.8	11.7	-0.1	-	21.9	31	3.5	2	-	-	14	-	4	15	9	-
GULVAL	9 9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-
GWENHANP HERD	21-9 66	14.1	9.0	11.5	-	-	19.0	29.30	6.1	17	-	-	14	-	5	5	0	-
LIZARD	9 9 73	14.4	8.4	11.4	+0.1	-	18.6	28	5.7	6	-	-	16	27	5	2	7	6.70
NEWQUAY	9 9 53	14.6	8.0	11.3	-	-	22.4	31	3.8	1	-	-	15	25	7	2	7	6.66
PENZANCE	9 9 19	16.0	8.2	12.1	0.0	-	22.0	31	3.5	17	-	-	23	31	7	8	7	0
ROSEWARNE	9 9 76	14.9	8.1	11.5	-	-	23.2	31	5.9	2.7	13.3	11.5	18	25	6	2	7	6.81
ST AUSTELL(BETHEL)	9 9 55	15.8	7.9	11.9	-	-	21.7	31	4.8	17.21	-	-	15	-	4	4	0	0
ST JOHNS	9 9 120	(16.1)	6.4	(11.3)	-	-	25.7	31	1.7	1	-	-	19	22	4	4	4	6.04
ST MANGAN	21-9 103	15.3	8.2	11.7	-	-	24.4	31	4.9	17	-	-	11	16	4	2	4	7.70
SCILLYST MARYS	21-9 51	14.6	8.9	11.7	-0.2	-	18.8	29	7.2	7	-	-	13	21	4	4		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1978

DISTRICT AND PLACE	M.Y. TERMINAL (IGHT) MIL.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C					MEAN EARTH TEMPERATURE	RAINFALL TERMINAL H 09 GHT)			WEATHER (NUMBER OF DAYS)			BRIGHT SUNSHINE			
			MEANS OF		HIGHEST MAX. (A)	LOWEST MIN. (A)	MEAN (A)		DAILY MEAN DIFFERENCE FROM 1561-70 AVERAGE	DATE	MIN. (A)	DATE	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF TOTAL FAL	MOST IN A DAY	PRECIP- ITATION	
			MAX. (A)	MIN. (A)	HRK.	DATE	MAX. (A)	MIN. (A)	DATE	HRK.	DATE	MAX. (A)	MIN. (A)	MM	MM	MM		
NORTHERN IRELAND																		
LONDONDERRY																		
ROCKHILL	9 9	10	15.8	6.6	11.2	-	24.4	29	0.7	5	-	-	22	57	15	15	0.2 MM OR MORE 1.0 MM OR MORE	
BANAGHERRA (CRUGH HILL)	9 9	216	15.1	5.5	10.5	-	22.5	31	1.2	5	-	-	5	6	13	9	0.6 MM OR MORE	
CARHONEY	9 9	73	15.1	7.2	11.1	-	25.0	29.31	2.0	5	-	-	21	34	13	1	0.3 MM OR MORE	
COLERAINE UNIVERSITY	9 9	23	15.4	5.9	10.7	-	24.6	31	2.3	20	11.0	8.8	34	-	-	-	0.1 MM OR MORE	
COOLKEERAGH	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BERRYNOY FOREST	9 9	88	16.3	5.7	11.0	-	24.8	29	0.3	5	-	-	36	45	13	2	1.5 MM OR MORE	
DARVAGH FOREST	9 9	88	15.6	5.2	10.4	-	24.0	29	1.1	5	-	-	8.5	40	50	7	2.0 MM OR MORE	
LOUGHNAHIN FOREST	9 9	174	15.6	4.7	10.1	-	23.7	29	-1.2	5	-	-	38	50	8	11	1.5 MM OR MORE	
HONEYDOLG	9 9	94	15.6	5.4	10.5	+0.2	23.5	30	1.0	15	11.1	-	36	51	5	13	1.4 MM OR MORE	
TRAWD POINT	9 9	16	15.7	5.3	-	-	23.0	31	0.2	5	-	-	17	-	5	5	1.1 MM OR MORE	
ANTRIM																		
ALDERGROVE AIRPORT	21-9	68	16.2	6.3	11.3	+0.9	26.5	29	-0.4	5	11.5	9.0	25	40	8	15	0.2 MM OR MORE 1.0 MM OR MORE	
ALTNAHINCH	9 9	213	14.6	5.5	10.1	-	24.3	29	-0.1	5	-	-	25	26	7	15	1.2 MM OR MORE	
BALLYLUNIFORD	9 9	24	14.9	6.5	10.7	-	21.8	28	3.4	5	-	-	33	42	12	2	1.0 MM OR MORE	
BALLYPATRICK FOREST	9 9	152	14.6	5.3	9.9	-	23.5	31	0.2	5	-	-	34	43	12	1	1.5 MM OR MORE	
CARLNAUGH	9 9	12	13.6	5.1	9.3	-	18.9	31	-0.5	5	-	-	27	37	7	10	1.1 MM OR MORE	
DIVIS MOUNTAIN	9 9	363	13.5	3.8	8.7	-	22.3	28	-2.2	5	-	-	48	58	10	15	0.9 MM OR MORE	
GREENMOUNT	9 9	38	16.3	6.2	11.3	-	24.4	29	-0.5	5	12.0	-	25	43	8	15	0.7 MM OR MORE	
HYDE PARK (MALLUSK)	9 9	140	14.4	5.7	10.1	-	22.5	28.29	1.5	5	-	-	25	43	8	15	0.5 MM OR MORE	
KILROOT POWER STATION	9 9	12	14.8	6.6	10.7	-	22.2	29	2.0	16	-	-	29	-	2	12	0.9 MM OR MORE	
LISNAFHILLAN	9 9	38	16.0	4.9	10.5	-	24.4	29	-3.0	5	-	-	27	43	8	22	1.2 MM OR MORE	
LONTOWN	9 9	271	13.8	5.8	9.8	-	21.3	29	2.0	5	9.2	-	38	41	8	22	1.0 MM OR MORE	
PARKMORE FOREST	9 9	235	13.8	5.0	9.4	-	22.5	29	0.6	5	15.15	9.7	45	44	11	11	0.8 MM OR MORE	
WOODBURN NORTH	9 9	217	13.8	5.4	9.6	-	21.2	29	0.5	16	-	-	31	38	9	13	1.0 MM OR MORE	
BELFAST																		
ANDERSONSTOWN	9 9	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5 MM OR MORE	
MALONE	9 9	35	15.8	6.7	11.3	-	22.8	29	1.0	16	10.8	-	27	42	11	2	1.0 MM OR MORE	
HILLTOP	9 9	37	-	-	-	-	-	-	-	-	-	-	-	29	-	-	0.5 MM OR MORE	
MENTONABBEY	9 9	32	15.3	8.0	11.7	-	25.9	29	3.7	5	12.0	-	23	34	13	2	1.1 MM OR MORE	
ROSEBANK	9 9	47	16.6	6.8	11.2	-	25.1	29	3.5	15	-	-	25	34	11	1	1.0 MM OR MORE	
ROSETTA	9 9	24	15.9	6.9	11.4	-	25.1	29	2.0	15.16	-	-	25	39	9	15	0.9 MM OR MORE	
STORMONT CASTLE	9 9	56	15.2	7.2	11.2	-	22.3	29	3.0	5	11.6	9.8	27	43	12	9	0.7 MM OR MORE	
DONK																		
BANGOR SERCOURT	9 9	15	15.0	7.8	11.4	-	22.2	29	4.3	5	11.5	10.1	31	-	9	2	1.1 MM OR MORE	
BALLYWALTER PARK	9 9	11	-	-	-	-	-	-	-	-	-	-	25	39	12	2	1.0 MM OR MORE	
BALLYWATT COCK	9 9	6	15.0	6.5	10.7	-	21.9	28	2.1	16	11.5	9.8	29	54	9	2	1.0 MM OR MORE	
DOMPATRICK	9 9	26	15.5	6.6	11.1	-	22.9	31	1.4	16	-	-	21	-	12	2	1.0 MM OR MORE	
HELENS BAY	9 9	43	15.6	7.2	11.1	-	23.4	29	3.6	5	-	-	26	46	9	2	1.0 MM OR MORE	
HILLSBOROUGH	9 9	116	14.9	6.3	10.6	+0.7	22.8	29	1.0	5	10.3	-	27	45	9	2	1.1 MM OR MORE	
MAGHERA	9 9	97	15.9	4.9	10.4	-	24.0	28	-0.5	16	-	-	25	45	6	2,13	0.5 MM OR MORE	
MURLOUGH	9 9	9	14.5	5.9	10.2	-	20.7	31	1.6	5	10.4	9.0	31	-	13	2	1.2 MM OR MORE	
MEMRY	9 9	1	15.9	6.6	11.3	-	22.2	31	1.1	5	-	-	18	-	3	7	1.3 MM OR MORE	
SILENT VALLEY	9 9	129	14.2	6.5	10.3	-	21.4	31	1.0	20	-	-	52	-	2	12	1.1 MM OR MORE	
ARMHORN																		
ARMHORN	9 9	62	16.7	6.5	11.6	+0.7	24.0	31	0.0	5	12.5	10.7	29	47	6	2	1.2 MM OR MORE	
LOUGHGALL	9 9	25	15.6	6.0	11.3	-	24.0	31	-0.2	5	12.5	-	31	56	7	14	1.2 MM OR MORE	
LURGAN	9 9	55	16.8	6.4	11.6	-	24.2	29	0.9	5	11.3	9.6	21	37	13	10	0.8 MM OR MORE	
TANDRHOE	9 9	43	17.2	6.0	11.6	-	25.0	31	0.8	5	-	-	23	-	5	13	1.0 MM OR MORE	
TYRONE																		
ALTRVEEDAN	9 9	175	15.5	5.3	10.4	-	23.2	29	-2.1	5	-	-	33	-	7	14	1.4 MM OR MORE	
CARLTONS	9 9	21-9	113	16.4	6.5	11.5	-	24.2	31	-0.5	5	-	-	39	50	9	14	1.2 MM OR MORE
COOKSTOWN	9 9	77	15.8	6.1	10.9	-	24.0	29	0.6	5	10.9	-	38	58	11	2	1.3 MM OR MORE	
LOUGH BRAON	9 9	169	15.3	5.9	10.6	-	24.2	31	0.5	5	-	-	44	47	8	14	1.2 MM OR MORE	
PONERDY FOREST	9 9	174	15.1	5.6	10.3	-	22.4	28	-0.3	5	11.4	-	37	51	9	2	1.3 MM OR MORE	
STRABANE CONVENT	9 9	44	16.7	6.6	11.7	-	25.9	31	-0.5	5	-	-	39	61	5	15	1.6 MM OR MORE	
TIEVENNY	9 9	41	16.3	5.8	11.1	-	24.7	31	-1.0	5	-	-	42	-	7	14	1.4 MM OR MORE	
FERMANAGH																		
CASTLE ARCHOLE																		
FOREST	9 9	66	15.9	5.7	10.8	+0.5	24.4	31	-1.5	5	11.3	9.9	24	31	5	13	1.4 MM OR MORE	
CORGART	9 9	156	15.3	6.5	10.9	-	24.4	31	2.0	5	20	-	20	-	4	15	1.2 MM OR MORE	
KNOCKAREVAN	9 9	53	15.7	6.2	10.9	-	25.5	31	-0.3	5	-	-	18	-	3	5	1.1 MM OR MORE	
LISNAKERA	9 9	49	16.5	5.6	11.1	-	23.0	31	-0.7	5	-	-	13	20	7	9	1.0 MM OR MORE	
LOUGH NAVAR FOREST	9 9	148	15.8	5.2	10.5	-	24.2	31	-0.9	5	-	-	31	33	6	13	1.4 MM OR MORE	

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1978

DISTRICT, REGION/COUNTY AND PLACE	NET WT OF BAROMETER ABOVE NSL (INCHES)	HOUR OF OBSERVATION (LON)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT		VISIBILITY		WIND SPEED AND DIRECTION																		
			AT NSL (IN)		DRY BULB (DEGREES C)		DEPRESSION OF NET BULB (DEGREES C)		RELATIVE HUMIDITY (%)		OKTAS		BEAUFORT FORCE		SPEED (KT)														
			AT NSL (IN)		DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF NET BULB (DEGREES C)	HUMIDITY (%)	RELATIVE HUMIDITY (%)	HEIN	SKY OBSCURED	0 - 59 KM	40 - 190 KM	200 - 390 KM	400 - 990 KM	1000 - 1990 KM	2000 - 3990 KM	4 - 9 KM	10 - 19 KM	20 - 59 KM	40 KM AND OVER	N	E	NE	SE	S	SW	NW	NW
6 SCOTLAND W -CONTD. -CONTD.																													
SLOY	-	9	-	-	11.3	2.5	9.5	70	5.0	5	5	1	13	7	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		15	-	-	11.5	4.7	9.5	54	5.5	1	4	8	10	6	0	0	0	0	0	3	28	0	0	0	0	0	0	0	
		21	-	-	11.3	2.3	9.0	72	4.5	1	4	6	8	11	4	0	0	0	0	4	27	0	0	0	0	0	0	0	
TIREE	10	3	1018.2	-	8.1	0.6	10.0	92	4.8	4	6	4	8	9	1	0	0	0	1	2	28	0	0	0	0	0	0	0	
		9	1018.6	+ 4.3	10.9	1.3	11.0	84	5.1	3	5	6	8	9	0	0	0	0	0	3	28	0	0	0	0	0	0	0	
		15	1018.4	-	12.8	2.2	11.2	76	4.4	4	8	5	6	8	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		21	1018.8	-	9.4	0.7	10.8	91	4.4	2	10	6	5	8	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
DUNFRIES & GALLOWAY																													
ESKDALEMINSTER	237	3	1019.3	-	5.1	0.6	8.2	92	4.6	7	3	6	11	12	0	0	0	1	2	28	0	0	0	0	0	0	0		
		9	1019.0	+ 4.0	10.8	2.5	9.2	51	4.4	4	6	5	6	8	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		15	1017.9	-	14.5	4.3	9.8	60	5.4	1	3	9	13	15	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		21	1019.3	-	9.0	1.7	9.3	79	4.8	3	6	6	10	11	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
2 ENGLAND E & NE NORTHUMBERLAND																													
BOULMER	27	3	1018.8	-	7.2	0.4	9.7	95	5.7	5	2	2	6	14	2	0	0	1	1	7	9	6	3	2	0	0	0	0	
		9	1019.4	-	9.6	1.0	10.2	77	5.5	4	6	5	12	13	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		15	1019.0	-	10.8	1.4	10.9	83	4.4	4	6	5	14	15	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		21	1019.4	-	8.4	0.6	10.2	92	4.4	2	8	5	10	11	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
SEAHOUSES	12	3	1018.7	-	-	-	-	-	-	5.5	5	4	1	5	14	2	1	1	1	2	6	4	0	0	0	0	0	0	0
		9	1019.2	-	-	-	-	-	-	5.6	3	4	4	8	11	1	0	0	0	1	2	6	0	0	0	0	0	0	0
		15	1018.9	-	-	-	-	-	-	4.4	3	5	8	9	5	0	0	0	0	1	2	6	0	0	0	0	0	0	0
		21	1019.1	-	-	-	-	-	-	5.0	1	9	5	7	9	0	0	0	0	1	2	6	0	0	0	0	0	0	0
TYNE & WEAR																													
NEWCASTLE	72	3	1019.0	-	8.1	0.8	9.7	89	4.8	6	6	1	6	12	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
WEATHER CENTRE (X)	15	1019.5	-	11.1	2.0	10.7	77	5.5	4	5	4	6	10	12	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		21	1019.5	-	13.2	2.0	10.6	70	5.0	1	6	9	11	13	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
TYNEHOUTH	40	3	1018.0	-	8.2	0.8	9.7	85	5.1	6	6	2	4	13	1	0	0	0	1	2	28	0	0	0	0	0	0	0	
		9	1019.4	+ 3.0	9.6	1.1	10.1	85	5.1	6	6	2	4	13	1	0	0	0	1	2	28	0	0	0	0	0	0	0	
		15	1019.1	-	10.1	1.3	10.4	84	5.0	8	0	5	6	12	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		21	1019.4	-	9.1	0.9	10.2	88	5.4	2	3	9	6	11	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
NORTH YORKSHIRE																													
LEEMING	33	3	1018.6	-	7.3	0.7	9.3	90	5.3	5	5	1	4	16	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		9	1019.1	+ 3.6	10.6	1.8	10.0	78	5.5	4	6	5	15	17	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		15	1018.6	-	14.7	3.7	10.6	74	5.3	4	6	5	15	17	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		21	1018.9	-	10.4	1.3	10.7	84	5.5	3	5	2	9	12	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
WHITBY C.D.	66	3	1018.4	-	7.5	0.6	9.6	92	5.2	4	5	5	11	2	0	0	0	1	2	28	0	0	0	0	0	0	0		
		9	1019.0	-	9.5	1.0	10.2	87	5.2	4	5	6	14	15	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		15	1018.6	-	10.2	1.2	10.6	85	4.9	4	5	6	14	15	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		21	1019.0	-	8.7	0.7	10.2	90	5.8	2	4	5	4	15	1	0	0	0	1	2	28	0	0	0	0	0	0	0	
LINCOLNSHIRE																													
BINBROOK	112	3	1018.0	-	6.5	0.5	9.0	93	5.2	6	4	1	5	15	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		9	1018.5	-	10.1	1.6	9.8	80	5.3	1	7	5	15	17	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		15	1018.2	-	12.0	2.5	10.0	77	4.5	3	7	7	6	1	0	0	0	1	2	28	0	0	0	0	0	0	0		
		21	1018.7	-	6.2	0.8	9.7	89	5.3	3	7	9	10	11	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
HEDDINGTON	70	3	1017.6	-	6.9	0.5	9.5	93	4.5	6	5	5	15	17	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		9	1018.6	+ 2.5	10.8	1.0	10.1	78	4.6	5	6	5	15	17	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		15	1017.7	-	14.1	3.2	10.7	67	4.4	5	6	5	9	10	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		21	1018.4	-	8.9	0.9	10.6	86	4.6	5	6	5	9	10	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
NYTON	43	3	1016.9	-	6.8	0.3	9.5	95	5.0	1	6	5	12	15	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		9	1017.7	-	11.0	1.5	10.8	81	5.2	1	6	5	12	15	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		15	1017.2	-	13.9	3.0	10.8	69	5.1	2	4	10	5	10	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		21	1017.9	-	9.4	0.9	10.5	89	4.8	1	11	3	4	12	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
CAMBRIDGESHIRE																													
WITTERING	76	3	1017.6	-	7.0	0.4	9.6	94	4.8	4	5	6	6	8	2	0	0	0	1	2	28	0	0	0	0	0	0	0	
		9	1017.5	+ 2.2	10.4	1.5	10.5	82	5.2	2	7	5	7	12	2	0	0	0	1	2	28	0	0	0	0	0	0	0	
		15	1017.6	-	9.8	1.2	10.3	85	4.2	4	9	5	8	8	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		21	1018.2	-	9.8	1.2	10.3	85	4.2	4	9	5	8	8	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
NYTON	43	3	1016.9	-	6.8	0.3	9.5	95	5.0	1	6	5	12	15	0	0	0	0	1	2	28	0	0	0	0	0	0	0	
		9	1017.7	-	10.7	1.4	10.6	83	5.6	1	6	5																	

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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BRIDGE ABOVE MSL (THE TEE)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT			VISIBILITY			WIND SPEED AND DIRECTION													
			AT MSL (hPa)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	NET BULB (DEGREES C)	DEPRESSION OF VAPOUR PRESSURE (hPa)	RELATIVE HUMIDITY (%)	OKTAS			SKY OBSCURED			BEAUFORT FORCE			S (OR MORE)	N (OR MORE)	E (OR MORE)	W (OR MORE)	S (OR MORE)	N (OR MORE)			
									0	1 - 2	3 - 5	6 - 7	8	9	0 - 59 M	60 - 199 M	200 - 599 M	600 - 999 M	1000 - 1999 M	2000 - 3999 M	4000 - 9999 M	40 KM AND OVER	0	1 - 10	11 - 21	22 - 33
3 EAST ANGLIA -CONT'D. ESSEX																										
SHOEBURYNESS	5	9	1016.7 + 0.6	11.3	1.3	11.4	85	5.7	2	4	3	15	9	0	0	0	0	0	0	0	0	0	0	0	0	432
	15	1016.7 -	15.0	2.0	11.7	78	4.8	2	6	9	1	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	21	1017.4 -	15.0	0.8	10.9	89	4.5	4	2	6	9	1	10	7	0	0	0	0	0	0	0	0	0	0	0	0
STANSTED	102	3	1016.5 -	7.4	0.4	9.7	89	5.6	4	4	2	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	1017.3 + 1.2	10.4	1.6	10.6	81	5.2	3	5	6	6	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	15	1016.6 -	14.8	3.6	10.5	84	4.7	2	8	6	6	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	21	1017.5 -	9.9	1.3	10.2	84	3.9	6	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4 MIDLAND COUNTIES WEST YORKSHIRE																										
HUDDERSFIELD	235	3	1018.4 -	6.6	1.2	8.1	83	6.8	2	1	2	5	21	0	0	0	0	0	0	0	0	0	0	0	0	0
DARLES	9	1019.0 -	10.4	1.9	8.6	78	5.5	2	3	3	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	1018.4 -	14.6	3.7	10.4	63	5.6	3	2	6	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1019.0 -	10.1	1.5	10.2	82	6.0	4	1	3	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	
MILSDEN	267	3	1018.8 -	6.3	0.5	8.9	93	5.1	7	4	1	4	12	3	0	0	0	0	0	0	0	0	0	0	0	0
	9	1019.1 -	9.7	1.7	9.6	80	5.1	7	3	2	4	13	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	1018.0 -	13.5	3.4	9.6	65	5.2	1	9	4	5	12	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1019.1 -	9.6	1.5	9.8	81	4.9	7	4	2	3	15	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTH YORKSHIRE																										
FINNINGLEY	15	3	1018.0 -	7.0	0.5	9.3	92	5.0	3	9	0	6	15	0	0	0	0	0	0	0	0	0	0	0	0	
	9	1018.7 + 3.0	11.2	1.9	10.3	77	5.2	4	5	4	7	11	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	1017.8 -	15.6	3.6	11.0	62	4.5	2	8	7	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1018.6 -	10.2	1.3	10.5	84	4.9	7	4	1	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	
NOTTINGHAMSHIRE																										
MATRALL	119	5	1018.2 -	-	7.1	0.6	9.2	91	4.6	8	4	2	7	10	0	0	0	0	0	0	0	0	0	0	0	
	9	1018.6 + 3.2	11.0	2.0	10.0	77	4.9	7	3	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	1017.9 -	14.9	3.6	10.7	65	4.9	1	10	4	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1018.7 -	10.3	1.3	10.5	84	4.5	3	10	1	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	
SHROPSHIRE																										
SHREWSBURY	76	3	1017.9 -	8.0	0.6	9.9	92	5.2	6	3	3	14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	1018.4 + 2.7	11.6	1.9	10.7	78	4.5	5	4	8	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	1017.4 -	15.7	3.3	11.1	65	5.0	4	12	11	4	9	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1018.2 -	11.2	1.5	11.1	83	4.6	5	9	1	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	
WEST MIDLANDS																										
EDDINGTON	165	9	1018.2 + 2.2	10.6	2.1	9.5	75	4.8	5	5	5	9	2	0	0	0	0	0	0	0	0	0	0	0	0	
	15	1017.2 -	14.9	4.1	9.8	60	5.1	2	8	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1018.0 -	12.6	2.7	10.2	71	4.6	4	5	5	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
ELDON	100	3	1017.9 -	6.7	0.6	9.0	91	4.6	7	5	3	13	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	1018.3 + 2.4	11.0	2.1	9.8	75	4.6	5	6	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	1017.4 -	15.4	4.2	10.1	59	4.6	3	7	6	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1018.3 -	11.2	1.8	10.5	78	4.6	5	6	6	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	
GLoucester																										
INNSHORTH	24	3	1017.6 -	8.3	0.9	9.7	66	4.7	8	2	3	9	8	1	0	0	0	0	0	0	0	0	0	0	0	
	9	1018.3 -	11.7	2.0	10.6	77	4.5	4	8	3	9	11	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	1017.2 -	16.2	4.4	10.6	59	5.4	5	6	5	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1017.8 -	12.2	2.0	11.0	77	4.2	3	5	9	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
OXFORDSHIRE																										
BENSON	74	3	1017.4 -	7.9	0.7	9.7	69	5.4	5	4	2	5	15	0	0	0	0	0	0	0	0	0	0	0	0	
	9	1018.0 -	11.3	1.9	10.6	78	4.9	4	11	5	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	1017.0 -	15.9	4.1	10.7	61	5.3	1	11	5	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1017.9 -	11.8	1.9	10.8	78	3.8	6	7	2	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	
BRIZE NORTON	92	3	1017.2 -	7.9	0.6	9.5	68	4.6	8	4	2	7	10	0	0	0	0	0	0	0	0	0	0	0	0	
	9	1017.6 -	11.2	2.1	10.0	75	4.8	4	4	7	8	9	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	1016.7 -	16.5	4.2	10.4	59	5.0	2	6	6	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1017.6 -	11.9	2.0	10.6	77	4.1	5	7	6	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
MILSHIRE																										
BOScombe Down	126	3	1017.0 -	7.7	0.8	9.4	88	4.5	5	6	5	6	8	0	0	0	0	0	0	0	0	0	0	0	0	
	9	1017.5 + 1.1	11.5	2.3	10.3	76	4.3	5	8	6	5	6	5	0	0	0	0	0	0	0	0	0	0	0	0	
	15	1016.7 -	15.3	4.1	10.2	60	5.6	1	4	5	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1017.6 -	11.8	2.2	10.3	75	4.4	3	10	5	6	5	0													

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

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DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METERS)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT	VISIBILITY	WIND SPEED AND DIRECTION													
			AT MSL (mb)		DEPRESSION OF NET BULB (DEGREES C)		OKTAS	SKY OBSCURED	NUMBER OF OBSERVATIONS	BEAUFORT FORCE	SPEED (KT)	CRH										
			DIFFERENCE FROM 1940-7 AVERAGE		NET BULB (DEGREES C)		VAPOUR PRESSURE (mb)	RELATIVE HUMIDITY (%)	0 - 50% FRACTION	0 - 50% FRACTION	0 - 50% FRACTION	0 - 50% FRACTION	0 - 50% FRACTION	0 - 50% FRACTION	0 - 50% FRACTION	0 - 50% FRACTION	0 - 50% FRACTION	0 - 50% FRACTION	0 - 50% FRACTION			
S ENGLAND SE & CENT. S.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNGENESS	7	3	1015.6	-	-	-	-	-	5.1	5	5	3	4	14	0	0	0	0	0	0	0	0
	9	1016.4	-	-	11.5	-	-	-	5.5	7	5	4	14	14	0	0	0	0	0	0	0	0
	15	1016.2	-	-	-	-	-	-	4.9	4	4	8	11	11	0	0	0	0	0	0	0	0
	21	1016.8	-	-	-	-	-	-	4.9	4	3	9	11	11	0	0	0	0	0	0	0	0
MANSTON	45	3	1016.0	-	8.6	0.3	10.7	6.2	5.2	2	9	13	2	0	0	0	0	0	0	0	0	0
	9	1016.8	-	10.7	2.1	11.2	6.6	5.8	4	3	13	2	0	0	0	0	0	0	0	0	0	0
	15	1016.7	-	12.7	2.2	11.2	7.6	4.6	2	10	6.0	10	1	0	0	0	0	0	0	0	0	0
	21	1017.3	-	9.5	0.8	10.7	9.0	5.0	4	5	3	9	10	0	0	0	0	0	0	0	0	0
HAMPSHIRE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHAMPTON	9	3	1016.6	-	9.7	1.2	10.2	0.4	3.8	6	7	6	7	5	0	0	0	0	0	0	0	0
WEATHER CENTRE (X)	9	1017.3	-	12.7	2.8	10.0	6.9	4.3	7	6	8	8	0	0	0	0	0	0	0	0	0	0
	15	1016.6	-	16.2	4.6	10.5	5.9	4.9	2	7	6	9	7	0	0	0	0	0	0	0	0	0
	21	1017.4	-	15.1	2.4	11.1	7.4	4.0	4	9	6	6	6	0	0	0	0	0	0	0	0	0
WEST SUSSEX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRTNICK	60	3	1016.6	-	7.5	0.5	9.7	9.3	6.7	4	5	5	10	1	0	2	1	3	0	0	0	0
	9	1017.2	+ 0.9	11.7	2.0	10.6	7.7	4.7	4	7	3	9	8	0	0	0	0	0	0	0	0	0
	15	1016.4	-	16.0	4.3	10.4	5.9	4.5	2	7	9	6	7	0	0	0	0	0	0	0	0	0
	21	1017.5	-	11.5	1.8	10.7	7.9	2.5	5	6	9	5	0	0	0	0	0	0	0	0	0	0
EREST SUSSEX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HERSTMONCEUX	28	3	1016.1	-	8.1	0.5	10.1	9.3	4.1	5	6	5	5	0	0	0	1	4	0	0	0	0
	9	1016.9	-	11.9	1.5	11.6	8.2	5.0	3	5	11	7	0	0	0	0	0	0	0	0	0	0
	15	1016.5	-	14.6	2.7	12.0	7.5	4.7	2	8	7	7	0	0	0	0	0	0	0	0	0	0
	21	1017.3	-	10.7	1.2	11.0	6.5	4.0	6	7	4	5	0	0	0	0	0	0	0	0	0	0
7A ENGLAND NW & I.O.M. CUMBRIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARLISLE	28	3	1018.5	-	7.4	0.5	9.7	9.3	4.6	7	5	1	8	10	0	0	0	0	0	0	0	0
	9	1018.8	+ 3.5	12.0	1.9	11.0	7.8	4.9	5	3	4	14	5	0	0	0	0	0	0	0	0	0
	15	1017.9	-	16.1	4.0	11.2	6.2	5.4	0	7	5	14	5	0	0	0	0	0	0	0	0	0
	21	1018.7	-	11.0	1.4	11.0	6.2	5.4	1	5	6	11	8	0	0	0	0	0	0	0	0	0
LANCASHIRE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOUGRIES GATE	11	3	1018.1	-	8.0	0.6	9.9	9.2	4.8	6	5	3	7	8	2	0	0	0	0	0	0	0
	9	1018.8	+ 3.4	12.6	2.2	11.0	7.5	4.4	6	2	13	4	0	0	0	0	0	0	0	0	0	0
	15	1018.1	-	14.5	2.9	11.5	7.0	2.7	2	9	2	14	4	0	0	0	0	0	0	0	0	0
	21	1018.6	-	10.8	1.4	10.9	8.3	4.6	2	10	4	5	9	1	0	0	0	0	0	0	0	0
GREATER MANCHESTER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MANCHESTER	42	3	1017.9	-	9.9	1.6	9.7	7.9	4.7	8	2	4	8	9	0	0	0	0	0	0	0	0
WEATHER CENTRE (X)	9	1018.3	-	12.9	3.5	9.5	6.4	6.4	6	5	5	8	7	0	0	0	0	0	0	0	0	0
	15	1017.5	-	16.2	4.7	10.0	5.6	5.4	1	3	10	7	0	0	0	0	0	0	0	0	0	0
	21	1018.3	-	13.2	3.0	10.2	6.7	4.6	3	7	5	11	5	0	0	0	0	0	0	0	0	0
RINGARY	84	3	1018.0	-	9.0	1.1	9.9	85	4.8	6	3	7	9	1	0	0	0	0	0	0	0	0
	9	1018.4	+ 2.9	12.2	2.5	10.2	7.2	5.7	4	8	1	9	9	0	0	0	0	0	0	0	0	0
	15	1017.5	-	15.9	4.5	10.2	57	4.6	1	9	7	10	4	0	0	0	0	0	0	0	0	0
	21	1018.3	-	12.2	2.2	10.6	7.6	4.6	5	6	3	11	6	0	0	0	0	0	0	0	0	0
ISLE OF MAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POINT OF RYRE	9	3	1019.2	+ 4.2	10.5	1.2	10.6	85	6.0	7	2	5	4	12	1	0	0	0	0	0	0	0
	15	1018.6	-	13.7	2.6	11.3	7.2	5.5	8	4	6	9	6	0	0	0	0	0	0	0	0	0
	21	1019.0	-	9.8	1.0	10.7	88	5.8	0	4	9	4	13	1	0	0	0	0	0	0	0	0
RONALDSAY	21	3	1018.2	-	8.2	0.5	9.5	86	4.4	4	7	5	6	0	0	0	0	0	0	0	0	0
	9	1018.6	+ 3.7	11.0	1.7	10.5	79	5.6	4	6	7	5	1	0	0	0	0	0	0	0	0	0
	15	1018.4	-	13.2	2.5	10.8	81	4.3	5	6	9	6	0	0	0	0	0	0	0	0	0	0
	21	1018.7	-	10.2	1.5	10.5	82	4.7	2	9	5	6	1	0	0	0	0	0	0	0	0	0
VALLEY	11	3	1018.3	-	6.5	0.8	10.0	93	3.6	7	7	6	5	0	0	0	0	0	0	0	0	0
	9	1018.9	+ 3.6	12.6	2.4	10.6	73	4.3	2	8	5	9	8	0	0	0	0	0	0	0	0	0
	15	1018.5	-	15.1	3.7	10.7	63	4.7	2	8	5	9	8	0	0	0	0	0	0	0	0	0
	21	1019.0	-	10.9	1.4	10.9	83	4.3	4	8	5	10	4	0	0	0	0	0	0	0	0	0
WALES S DYFED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ABERPORT	134	3	1017.9	-	8.9	0.9	10.1	89	4.2	8	5	4	5	9	0	0	0	0	0	0	0	0
	9	1018.5	+ 3.0	11.1	1.8	10.8	80	4.6	5	6	7	4	10	7	1	0	0	0	0	0	0	0
	15	1016.2	-	12.1	1.8	11.2	83	5.5	0	7	5	9	10	0	0	0	0	0	0	0	0	0
	21	1018.7	-	10.2	1.2	10.6	86	4.4	3	8	5	9	6	0	0	0	0	0	0	0	0	0
BRANDY	116	3	1017.8	-	8.3	0.7	10.0	91	4.0	8	7	5	5	8	0	0	0	0	0	0	0	0
	9	1018.3	-	11.1	1.9	10.9	78	4.5	5	7	4	11	6	0	0	0	0	0	0	0	0	0
	15	1018.1	-	12.7	2.0	10.9	70	3	8	7	7	0	0	0	0	0	0	0	0	0	0	0
	21	1018.6	-	9.8	1.1	10.4	86	3.8	1	12	0	9	7	0	0	0	0	0	0	0	0	0
BRYNARTHYN	-	9	-	-	12.6	2.4	10.7	74	4.4	4	8	3	9	6	1	0	0	0	0	0	0	0

MAY 1978

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE海EL (METRES)	HOUR OF OBSERVATION (GMT)	HEM. PRESSURE		HEM. TEMPERATURE AND HUMIDITY		CLOUD AMOUNT			VISIBILITY			WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
AT海EL (mb)	DIFFERENCE FROM 1954-7 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF NET BULB (DEGREES C)	VAPOUR PRESSURE mb	RELATIVE HUMIDITY (%)	OKTRAS			SKY OBSCURED			0 - 39 N		40 - 150 N		200 - 350 N		400 - 550 N		1000 - 1900 N		2000 - 3500 N		5 - 9 KM		10 - 19 KM		20 - 39 KM		40 KM AND OVER		SA. OR HOME ISLANDS		BERAFTON FORCE		SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
0	1 - 2	3 - 5	6 - 7	8	9	0	1	2	3	4	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22 - 33	34 - 55	56 - 77	78 - 99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	8010	8011	8012	8013	8014	8015	8016	8017	8018	8019	8020	8021	8022	8023	8024	8025	8026	8027	8028	8029	8030	8031	8032	8033	8034	8035	8036	8037	8038	8039	8040	8041	8042	8043	8044	8045	8046	8047	8048	8049	8050	8051	8052	8053	8054	8055	8056	8057	8058	8059	8060	8061	8062	8063	8064	8065	8066	8067	8068	8069	8070	8071	8072	8073	8074	8075	8076	8077	8078	8079	8080	8081	8082	8083	8084	8085	8086	8087	8088	8089	8090	8091	8092	8093	8094	8095	8096	8097	8098	8099	80100	80101	80102	80103	80104	80105	80106	80107	80108	80109	80110	80111	80112	80113	80114	80115	80116	80117	80118	80119	80120	80121	80122	80123	80124	80125	80126	80127	80128	80129	80130	80131	80132	80133	80134	80135	80136	80137	80138	80139	80140	80141	80142	80143	80144	80145	80146	80147	80148	80149	80150	80151	80152	80153	80154	80155	80156	80157	80158	80159	80160	80161	80162	80163	80164	80165	80166	80167	80168	80169	80170	80171	80172	80173	80174	80175	80176	80177	80178	80179	80180	80181	80182	80183	80184	80185	80186	80187	80188	80189	80190	80191	80192	80193	80194	80195	80196	80197	80198	80199	80200	80201	80202	80203	80204	80205	80206	80207	80208	80209	80210	80211	80212	80213	80214	80215	80216	80217	80218	80219	80220	80221	80222	80223	80224	80225	80226	80227	80228	80229	80230	80231	80232	80233	80234	80235	80236	80237	80238	80239	80240	80241	80242	80243	80244	80245	80246	80247	80248	80249	80250	80251	80252	80253	80254	80255	80256	80257	80258	80259	80260	80261	80262	80263	80264	80265	80266	80267	80268	80269	80270	80271	80272	80273	80274	80275	80276	80277	80278	80279	80280	80281	80282	80283	80284	80285	80286	80287	80288	80289	80290	80291	80292	80293	80294	80295	80296	80297	80298	80299	80300	80301	80302	80303	80304	80305	80306	80307	80308	80309	80310	80311	80312	80313	80314	80315	80316	80317	80318	80319	80320	80321	80322	80323	80324	80325	80326	80327	80328	80329	80330	80331	80332	80333	80334	80335	80336	80337	80338	80339	80340	80341	80342	80343	80344	80345	80346	80347	80348	80349	80350	80351	80352	80353	80354	80355	80356	80357	80358	80359	80360	80361	80362	80363	80364	80365	80366	80367	80368	80369	80370	80371	80372	80373	80374	80375	80376	80377	80378	80379	80380	80381	80382	80383	80384	80385	80386	80387	80388	80389	80390	80391	80392	80393	80394	80395	80396	80397	80398	80399	80400	80401	80402	80403	80404	80405	80406	80407	80408	80409	80410	80411	80412	80413	80414	80415	80416	80417	80418	80419	80420	80421	80422	80423	80424	80425	80426	80427	80428	80429	80430	80431	80432	80433	80434	80435	80436	80437	80438	80439	80440	80441	80442	80443	80444	80445	80446	80447	80448	80449	80450	80451	80452	80453	80454	80455	80456	80457	80458	80459	80460	80461	80462	80463	80464	80465	80466	80467	80468	80469	80470	80471	80472	80473	80474	80475	80476	80477	80478	8047

TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS

MAY 1978

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

MAY 1978

DISTRICT REGION/COUNTY AND PLACE	HEIGHT OF YARD IN METRES	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED												HIGHEST VALUES									
		34 KT OR MORE (ORLE FORCE)				22-33 KT			31-40 KT		4-10 KT		LESS THAN 4 KT	HOURLY SPEED (INT)			HOURLY WIND						
		ABOVE MSL	ABOVE GROUND	EFFECTIVE	DATES OF OCCURRENCE	NUMBER	NUMBER OF HOURS	HIGHEST OF HOURS	NUMBER	NUMBER OF HOURS	HIGHEST OF HOURS	NUMBER	NUMBER OF HOURS	HIGHEST OF HOURS	YEAR	MONTH	DAY	YEAR	MONTH	DAY			
0 SCOTLAND N																							
SHETLAND	LERWICK	93	10	10		0	2	8	304	380	52	0	10-1	180	25	11	04	180	35	11	0424		
ORKNEY	KIRKWALL AIRPORT	41	15	10		0	2	6	307	350	81	0	9-7	250	24	11	15	330	32	24	0124		
WESTERN ISLES	BENBECULA	16	10	10		0	2	7	329	287	121	0	9-6	330	23	12	270	35	11	2148			
	STORMONY	12	10	10		0	1	5	305	350	84	0	9-4	330	25	12	14	330	36	12	1312		
HIGHLAND	DALCROSS	19	10	10		0	3	10	178	331	225	0	7-4	050	24	1	320	31	12	1436			
	DOUNREARY	34	12	9		0	1	3	220	321	186	14	7-8	150	24	7	14	130	30	7	1418		
	DUIRINISH	38	20	17		0	0	189	368	186	0	7-4	340	20	12	290	32	11	1618				
	FORT AUGUSTUS	58	16	16		0	0	0	92	304	534	14	4-8	210	15	12	10	050	29	1	1006		
	WICK	45	10	10		0	1	1	178	474	91	0	8-3	320	22	24	02	320	35	24	0230		
1 SCOTLAND E																							
	ABERDEEN DYCE AIRPORT	68	10	10		0	1	4	138	384	218	0	6-6	320	24	24	04	330	36	24	0400		
	FRASERBURGH	29	13	11		0	2	12	108	414	203	7	6-7	320	28	24	03	330	37	24	0248		
	KINLOSS	18	13	13		0	0	0	155	466	123	0	7-5	080	21	1	13	080	31	1	1330		
	LOSSIEMOUTH	17	10	10		0	0	0	168	394	182	0	7-0	320	21	24	03	320	31	24	0355		
TRYSIDE	BELL ROCK	39	40	38		0	9	66	294	297	87	0	11-2	350	30	6	02	350	38	6	0242		
	MYLNEFIELD	40	10	10		0	0	0	47	336	304	57	5-2	050	16	1	17	050	31	1	1730		
	TUNNEL BRIDGE	161	16	16		0	0	0	36	351	357	0	4-6	270	14	12	12	090	29	1	1300		
FIFE	LEUCHARS	25	13	13		0	1	3	207	359	175	0	7-8	060	23	2	10	250	33	11	1518		
LOTHIAN	EDINBURGH																						
	TURNOUSE AIRPORT	43	13	10		0	0	0	218	367	159	0	7-8	060	19	1	13	350	32	12	1800		
	ROYAL OBSERVATORY																						
	BLACKFORD HILL	159	10	10																			
	FORTH ROAD BRIDGE	72	72	72	DEFECTIVE RECORD																		
6 SCOTLAND N																							
STRATHCLYDE	ABBOTSINCH AIRPORT	16	10	10		0	1	3	203	341	197	0	7-5	080	23	1	13	070	33	1	1254		
	ARDROSSAN	24	20	20		0	0	52	263	279	150	0	10-2	080	28	1	16	090	47	1	0900		
	DUNSTRONFAGE	13	10	10		0	1	1	158	380	205	0	7-2	060	22	1	12	090	33	7	1236		
	GREENOCK PORT	51	49	55	55	15	12	DEFECTIVE RECORD				0	5	11	190	342	190	11	7-7	090	28	1	1400
	INCHTERF	754	27	DEFECTIVE RECORD																			
	LAWTHER HILL																						
	MACHRIEKNISH	22	12	12	1	1	5	50	245	335	113	0	10-0	090	35	1	23	080	49	1	1830		
	PRAISLEY	57	25	9		0	0	0	105	376	263	0	5-8	320	18	12	16	090	34	1	1324		
	PRESTWICK AIRPORT	21	10	10		0	2	10	181	346	207	0	7-8	070	27	1	13	070	42	2	1112		
	TIREE	24	16	12		0	3	14	272	399	59	0	9-6	320	25	12	16	330	36	12	1806		
BUMFRIES AND GALLOWAY	ESKDALENUIR	259	10	10		0	1	3	152	358	231	0	6-7	050	22	1	01	050	45	1	0042		
	WEST FREUCH	25	10	10		0	0	0	166	425	153	0	7-3	310	21	12	17	330	33	24	0530		
2 ENGLAND E & NE																							
NORTHUMBERLAND	BLYTH	19	10	10		0	1	6	180	416	116	24	8-1	020	23	24	10	250	32	11	1824		
	BOULMER	33	10	10		0	0	160	427	157	0	7-2	350	19	24	08	360	31	24	0824			
TYNE AND WEAR	SOUTH SHIELDS	22	17	13		0	1	2	216	307	216	3	7-3	350	22	24	10	350	24	24	1012		
CLEVELAND	SOUTH GARE	20	20	20		0	10	45	317	295	89	0	10-8	110	27	30	14	310	37	11	2030		
DURHAM	DURHAM	119	15	10		0	0	0	63	397	269	15	5-1	290	18	12	07	310	30	11	2006		
NORTH YORKSHIRE	LEEMING	42	10	10		0	0	0	196	444	104	0	7-9	290	18	12	09	300	29	12	0742		
	LINTON-ON-OUSE	25	9	10		0	0	0	138	387	219	0	6-6	280	18	12	11	390	29	12	1424		
	SILPHO MOOR	207	15	9		0	0	0	28	366	350	4	4-2	350	19	24	10	350	38	24	1036		
HUMBERSIDE	SPURN POINT					0	2	13	299	385	47	0	9-8	350	26	24	10	320	45	11	2330		
LINCOLNSHIRE	BINGBROOK	118	10	10		0	0	211	416	117	0	8-1	360	21	24	16	320	33	11	2330			
	CONINGSBY	16	10	10		0	0	0	214	410	120	0	7-9	010	20	16	16	310	37	12	0030		
	CRANWELL	68	13	13		0	0	0	232	404	108	0	8-2	330	20	12	00	340	33	12	0030		
	SCAMPTON	68	10	10		0	0	206	469	50	0	9-3	300	17	11	23	320	29	11	2348			
	WADDINGTON	80	10	10		0	0	0	176	485	83	0	7-7	280	17	12	13	320	32	12	0018		
3 EAST ANGLIA																							
NORFOLK	COLTISHALL	27	10	10		0	0	0	163	434	147	0	7-5	340	21	24	14	340	37	24	1654		
	GORLESTON	16	13	13		0	1	1	263	409	70	1	9-0	010	22	25	12	350	39	24	1448		

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT REGION/COUNTY AND PLACE	HEIGHT OF VANE IN METRES ABOVE NSL ABOVE GROUND EFFECTIVE	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES											
		5 KT OR MORE (GALE FORCE)					22-33 KT 34-45 KT 46-50 KT 51-60 KT 61-70 KT					7.5 KT 8-10 KT 11-21 KT 22-33 KT 34-45 KT 46-50 KT 51-60 KT 61-70 KT					HOURLY WIND		DUST				
		DATES OF OCCURRENCE					NUMBER OF HOURS NUMBER OF DAYS	NUMBER OF HOURS					NUMBER OF HOURS OF RECORD	MEAN WIND VELOCITY KT/H	MAX. WIND VELOCITY KT/H	MAX. WIND VELOCITY KT/H	MAX. WIND VELOCITY KT/H	MAX. WIND VELOCITY KT/H					
3 EAST ANGLIA - CONTINUED																							
CAMBRIDGESHIRE	MARSHAM	29	10	10			0	1	3	186	430	125	0	7.9	360	23	24	17	360	35	24	1330	
	WITTERING	87	10	10			0	0	0	226	421	97	0	8.1	310	19	12	00	320	34	12	0012	
	WYTON	45	10	10			0	0	0	168	448	128	0	7.4	300	18	12	15	320	30	12	0054	
SUFFOLK	HONINGTON	60	13	13			0	0	0	137	469	158	0	7.3	350	21	24	14	320	34	12	0148	
BEDFORDSHIRE	BEDFORD	94	13	9			0	2	10	282	411	41	0	9.7	340	25	24	16	260	36	12	0200	
	CARDINGTON	70	41	41			0	0	0	156	506	82	0	7.6	330	18	12	01	290	35	12	0042	
HERTFORDSHIRE	DARSTON	94	15	10			0	0	0	202	446	96	0	8.1	330	21	9	15	310	35	12	0854	
ESSEX	SHOEBURYNESS	17	14	12			0	0	0	25	520	199	0	5.2	310	17	12	02	310	31	12	0142	
	STANSTED	108	10	10			0	0	0	135	511	96	2	7.5	330	17	12	03	340	31	12	0348	
							0	0	0	154	511	79	0	7.8	320	16	12	07	300	35	12	0118	
4 MIDLAND COUNTIES																							
WEST YORKSHIRE	WILSDEN	272	10	10			0	0	0	111	447	186	0	6.6	260	18	11	19	270	30	11	1936	
SOUTH YORKSHIRE	FINNINGLEY	19	10	10			0	0	0	61	460	223	0	6.1	290	17	12	12	300	29	12	1136	
	HIGH BRADFIELD	405	10	10			0	4	23	201	376	144	0	8.7	250	26	11	20	260	40	11	2006	
NOTTINGHAMSHIRE	SHEFFIELD UNIVERSITY	146	29	15			0	0	0	92	442	206	4	5.9	290	17	12	280	35	23	1706		
STAFFORDSHIRE	WATNALL	133	16	10			0	0	0	119	506	119	0	6.8	040	15	8	16	300	11	23	0000	
	CELLARHEAD	241	13	8			0	0	0	126	459	159	0	6.8	310	18	11	22	300	30	11	2142	
	KEELE	215	15	10			0	0	0	37	376	331	0	4.4	320	17	11	22	310	34	12	0700	
SALOP	SHAWBURY	84	12	10			0	0	0	133	410	200	1	6.7	350	20	11	22	330	36	11	2212	
WEST MIDLANDS	BIRMINGHAM	EDBASTON	196	36	22			0	0	0	67	344	333	0	4.9	340	18	11	23	340	36	11	2324
	ELDON AIRPORT	104	10	10			0	0	0	110	422	212	0	6.2	330	19	11	21	330	35	11	2324	
OXFORDSHIRE	BENSON	67	10	10			0	0	0	88	463	193	0	6.2	020	16	1	10	310	29	12	1200	
	BRIZE NORTON	91	13	10			0	0	0	134	459	151	0	6.9	320	16	12	08	280	39	12	0048	
	OXFORD	113	50	22			0	0	0	113	492	130	9	7.0	330	17	12	01	340	41	12	0130	
5 ENGLAND SE & CENTRAL S																							
GREATER LONDON	HEATHROW AIRPORT	34	10	10			0	0	0	100	513	151	0	6.8	330	17	12	02	330	32	12	0230	
	KEW	28	23	15			0	0	0	48	460	236	0	5.5	330	14	12	02	340	32	12	1036	
	LONDON WEATHER CENTRE	93	70	38			0	0	0	193	460	91	0	8.1	320	17	12	02	310	37	12	0236	
WILTSHIRE	POST OFFICE TOWER	174					0	4	12	387	334	11	0	11.5	330	28	12	02	360	44	12	0306	
	BOScombe DOWN	130	17	17			0	0	0	165	459	120	0	7.6	340	18	12	02	330	28	12	0218	
	LARKHILL	145	13	10			0	0	0	105	504	135	0	6.8	040	18	9	12	350	27	12	0224	
	LYNEHAM	160	14	13			0	0	0	132	485	127	0	7.1	320	17	9	12	350	26	12	0130	
KENT	PORTON	120	10	10			0	0	0	94	458	192	0	6.3	320	16	12	02	350	29	12	0248	
	DOVER	27	21	18			0	0	0	38	381	255	39	31	12.0	320	27	12	04	320	39	12	024
	DOUNGENESS	16	10	10			0	1	0	314	393	36	0	9.9	340	22	12	08	310	33	12	0406	
	EAST MALLING	33	12	10			0	0	0	29	351	364	0	4.1	320	16	12	07	320	31	12	0754	
	ISLE OF GRAIN	15	12	10			0	0	0	75	502	162	0	5.4	070	17	18	14	310	28	12	0254	
HAMPSHIRE	MANSTON	62	18	18			0	0	0	283	392	69	0	9.3	350	20	24	19	320	33	12	0424	
	CARSHOT	15	13	10			0	0	0	235	378	127	4	8.1	320	19	12	03	300	29	12	0312	
	FARNBOROUGH	75	10	10			0	0	0	45	466	253	0	5.5	320	16	12	05	320	31	12	0216	
	MIDDLE WALLOP	94	10	10			0	0	0	119	440	172	13	6.7	320	17	12	08	330	29	12	0224	
WEST SUSSEX	GATWICK AIRPORT	69	10	10			0	0	0	96	454	194	0	6.4	340	19	12	03	340	38	12	0312	
7A ENGLAND NW & IOM																							
CUMBRIA	CARLISLE	41	13	9			0	0	0	124	395	225	0	6.5	090	17	1	10	090	30	2	0748	
	GREAT DUN FELL	857	10	10	2	8	9	11	117	296	244	42	36	13.7	060	40	2	12	060	48	2	1254	
	MOOR HOUSE	595	13	12																			
LANCASHIRE	SELLAFIELD	25	12	11			0	0	0	39	398	307	0	4.9	300	14	23	17	290	23	12	0354	
	FLEETWOOD	34	15	9			0	4	20	145	376	203	0	7.4	320	26	12	12	320	35	12	1336	
MERSEYSIDE	SCIREYS GATE AIRPORT	22	12	11			0	0	0	194	453	97	0	8.2	320	21	12	23	300	31	12	2036	
GREATER MANCHESTER	AIRPORT	38	23	11			0	0	0	117	433	179	15	6.4	300	20	12	23	300	32	12	2154	
MANCHESTER	RINGWAY AIRPORT	80	10	10			0	0	0	129	433	182	0	6.7	310	18	23	15	310	31	12	1624	
	WEATHER CENTRE	82	45	17			0	0	0	41	393	320	0	4.8	060	16	2	08	320	32	12	1142	
ISLE OF MAN	POINT OF AYRE	20	10	10			0	5	47	254	333	110	0	10.1	310	26	12	20	310	38	12	2054	
	RONALDSAY	25	10	10			0	4	12	194	586	152	0	8.0	350	25	12	22	330	40	12	2112	
7B WALES N	VALLEY	26	16	12			0	1	4	209	382	149	0	8.1	340	23	24	10	310	35	12	1836	
8A WALES SOUTH																							
DYFED	ABERPOWTH	144	10	10			0	1	5	159	408	172	0	7.3	330	25	13	05	340	35	13	0554	
	BRANDY	121	10	10			0	2	2	156	494	92	0	8.0	010	24	5	11	010	32	5	1142	
	MILFORD HAVEN	47	10	10			0	0	0	127	459	155	3	6.9	320	21	5	10	020	34	5	1036	
WEST GLAMORGAN	PORT TALBOT	30	11	7			0	0	0	144	349	251	0	5.9	350	20	24	05	350	29	12	0548	
HLD GLAMORGAN	CILYFNYDD	210	16	16			0	0	0	49	419	272	4	5.4	210	16	31	15	240	28	11	1506	
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10	10			0	0	0	93	466	185	6	6.4	280	15	12	18	280	25	12	1848	
6B ENGLAND SW																							
AVON	AVONMOUTH	28	19	10			0	0	0	112	485	147	0	6.9	320	18	12	03	330	29	12	0706	
SOMERSET	YEOVILTON	22	12	10			0	1	2	123	383	236											

TABLE 6 ADDITIONS AND CORRECTIONS

YEAR MONTH AND STATION	ABOVE MSL ABOVE GROUND EFFECTIVE	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED							HIGHEST VALUES	
			34 KT OR MORE (GALE FORCE)		22-33 KT	11-21 KT	6-10 KT	LESS THAN 6 KT		
			NUMBER OF HOURS OF DAYS	NUMBER OF HOURS OF DAYS	NUMBER OF HOURS			NUMBER OF HOURS OF DAYS		
1978 JANUARY CULDROSE					412	174			18 23	1 2300

